

JABATAN KERJA RAYA MALAYSIA

**NAIK TARAF KEMUDAHAN SUKAN DI SEKOLAH MENENGAH KEBANGSAAN  
BUKIT NENAS (SEKOLAH SUKAN NEGERI), SETIU, TERENGGANU (TEA 6089)**

**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/22/2024**
- E. Tarikh Cipta Senarai Kuantiti: **5/11/2024**

Senarai kuantiti ini dikeluarkan oleh BKUB. Sebarang pertanyaan boleh berhubung dengan pegawai yang menyediakan tender dan maklumat pegawai untuk dihubungi boleh didapati di laman iklan.

# **JABATAN KERJA RAYA MALAYSIA**

## **NAIK TARAF KEMUDAHAN SUKAN DI SEKOLAH MENENGAH KEBANGSAAN BUKIT NENAS (SEKOLAH SUKAN NEGERI), SETIU, TERENGGANU (TEA 6089)**

### **SENARAI KUANTITI**

No. Tender: TEND/JKRNT/BKUB/22/2024

**RINGKASAN TENDER**

**NAIK TARAF KEMUDAHAN SUKAN DI SEKOLAH MENENGAH KEBANGSAAN BUKIT  
NENAS (SEKOLAH SUKAN NEGERI), SETIU, TERENGGANU (TEA 6089)**

ITEM	DESCRIPTION	PAGE NO.	AMOUNT(RM)
A	PRELIMINARIES AND GENERAL CONDITIONS	A1/16	
B	FOOTBALL FIELD (All Quantities Are Provisional)	BQ B/7	
C	CIVIL WORKS AND SYNTHETIC TRACK (All Quantities Are Provisional)	BQ C/12	
D	ASTAKA (All Quantities Are Provisional)	BQ D/17	
E	GELANGGANG SERBAGUNA TERBUKA BERBUMBUNG (All Quantities Are Provisional)	BQ E/16	
F	EXTERNAL WORKS (All Quantities Are Provisional)	BQ F/8	
G	PROVISIONAL SUM	BQ G/1	
H	PRIME COST SUM	BQ H/1	
Jumlah di bawa ke Borang Tender			-

ITEM	DESCRIPTION
	<p><b><u>PRELIMINARIES</u></b></p> <p><b>A GENERAL INFORMATION TO BILL OF QUANTITIES</b></p> <p><b>1.0 GENERAL</b></p> <p>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.</p> <p>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.</p> <p>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 incurred in connection therewith.</p> <p>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 particulars the Conditions of Contract, the Specification and the Drawings. It shall be read together with the relevant "Method of Payment"</p> <p>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.</p> <p>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.</p> <p>1.7 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</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, tolerances, 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>
	A1/1

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 costs 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>
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 a public authority or public service company and other related legislation currently in force.
2.0	<b>MEASUREMENT</b>
2.1	Quantities in the Bills of Quantities are measured in accordance with the Malaysian Standard Method of Measurement 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.
3.0	<b>UNPRICED ITEMS</b>
3.1	Where any items is left unpriced, it shall be deemed that the cost of such item has been allowed for elsewhere within thi document. No subsequent claims arising out of expense and/or loss incurred against such unpriced item shall be entertained.
	A1/2

ITEM	DESCRIPTION
4.0	<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 serviced 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, material 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>
5.0	<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.
6.0	<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 test 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 Bills of Quantities.
7.0	<b>EXISTING SERVICED 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
8.0	<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.
	A1/3

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>
10.1	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>
12.1	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 Bill 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> <ul style="list-style-type: none"> <li>a) mm : millimetre</li> <li>b) m : metre</li> <li>c) m<sup>2</sup> : square metre</li> <li>d) m<sup>3</sup> : cubic metre</li> <li>e) kg : kilogramme</li> <li>f) tonne : metric ton</li> <li>g) No. : Number</li> <li>h) L.S : Lump Sum</li> <li>i) P.C. Sum : Prime Cost Sum</li> <li>j) P.S. : Provisional Sum</li> <li>k) R.M : Ringgit Malaysia</li> </ul>
	A1/4

ITEM	DESCRIPTION
14.0	<b>SCOPE OF WORKS</b>
14.1	The works included under this Contract comprises :  A) PRELIMINARIES AND GENERAL CONDITIONS  B) FOOTBALL FIELD  C) CIVIL WORKS AND SYNTHETIC TRACK  D) ASTAKA  E) GELANGGANG SERBAGUNA TERBUKA BERBUMBUNG  F) EXTERNAL WORKS  G) PROVISIONAL SUM  F) PRIME COST SUM
15.0	<b>LOCATION OF SITE</b>
15.1	The site for proposed Works is located at <b>NAIK TARAF KEMUDAHAN SUKAN DI SEKOLAH MENENGAH KEBANGSAAN BUKIT NENAS (SEKOLAH SUKAN NEGERI), SETIU, TERENGGANU (TEA 6089)</b> as shown on Drawing No. <b>PKRT.a.SP(F)24/1</b>
	A1/5



ITEM	DESCRIPTION	AMOUNT (RM)
	<b>Project Signboard</b>	
A	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.	
	<b>Site Survey and Setting Out</b>	
B	The Contractor shall employ a licensed surveyor to carry out site surveys before commencement and setting out of the Works.	
C	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.	
	<b>Temporary Diversion And Relocation Of Existing Overhead And Underground Services</b>	
D	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.	
	<b>Construction Plan</b>	
E	The Contractor shall submit to the S.O. for his approval the following as specified :  a) Programme of Works b) Method statements c) Contractor's organisation chart d) Schedules e) Quality Assurance Plan for Works Contract worth RM10 Million and above  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.  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.	
	<b>Contractor's Plant</b>	
F	The Contractor shall provide, erect, keep insured, maintain and remove on completion all requisite scaffolding, hoist, crane, construction plant, ladder, staging, tarpaulins, et cetera (excluding piling and pile testing equipment), as necessary for the execution of the Works.	
A1/6 TOTAL AMOUNT (RM)		

ITEM	DESCRIPTION	AMOUNT (RM)
	<p><b>Temporary Power And Water Supplies For The Works</b></p> <p>A The Contractor shall provide adequate power and water supplies for the execution of the works including paying all associated costs and fees as specified.</p> <p><b>Site Security</b></p> <p>B 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.</p> <p><b>Temporary Access And Maintenance Of Existing Roads</b></p> <p>C 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.</p> <p>D 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 any work carried out by him.</p> <p>E 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.</p> <p><b>Control Of Workmen, Plant And Machinery At Site</b></p> <p>F The Contractor shall ensure the safety, health and welfare at work of all his workmen as specified.</p> <p><b>Contractor's Temporary Accommodation And Facilities For Workmen Living On Site</b></p> <p>G 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.</p> <p><b>Contractor's Office And Storage</b></p> <p>H The Contractor shall provide and maintain the Contractor's office and storage on the Site in positions as approved by the S.O. and as</p>	
	<p>A1/7</p> <p>TOTAL AMOUNT (RM)</p>	

ITEM	DESCRIPTION	AMOUNT (RM)
	<p><b>Care And Protection Of Materials And Works</b></p> <p>A 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> <p><b>Shop Drawings, Samples And Mock-ups</b></p> <p>B 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> <p><b>Progress Photographs</b></p> <p>C 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> <p><b>Material Testing Laboratory And Staff</b></p> <p>D 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 APPENDIX A/4 (List of Laboratory Equipment).</p> <p><b>Office Accomodation For S.O.</b></p> <p>E 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> <p><b>Telephone For S.O.</b></p> <p>F 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> <p><b>Survey Instruments And Personnel</b></p> <p>G 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>	
A1/8 TOTAL AMOUNT (RM)		

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. APPENDIX A/1A	
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 APPENDIX A/2/1 for the use of the S.O., his representatives and staff throughout the duration of the original Contract Period.	
D	The Contractor shall provide suitable transportation service by means of vehicle (s) including licensed and competent driver(s) as specified in APPENDIX A/3 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.	
A1/9 TOTAL AMOUNT (RM)		

ITEM	DESCRIPTION	AMOUNT (RM)										
	<p><b>Safety, Health And Welfare</b></p> <p>A The Contractor shall ensure the safety, health and welfare at work site as specified including but not limited to :</p> <p>a) Provision of First Aid Kit</p> <p>b) Pest control including keeping the site clean and dry to prevent breeding of mosquitoes, rodents, insects and vermin of any kind.</p> <p>c) Fogging at regular intervals</p> <p>B * The Contractor shall employ a Safety and Health Officer (SHO) registered with DOSH for the entire contract period to be stationed fulltime at the site (for works exceeding RM 20 million contract value)</p> <p>* Delete if not applicable</p> <p>C * 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</p> <p>D The Contractor shall submit 5 copies of Safety and Health Plan (S-Plan) as required in APPENDIX A/5 as specified.</p> <p>E The Contractor shall submit 5 copies of monthly Safety and Health Report as required in APPENDIX A/6 as specified.</p> <p>F 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>G 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>H 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><td>Project Cost (RM)</td><td>Minimum Requirement Of</td></tr><tr><td></td><td>M &amp; E Coordinator</td></tr><tr><td>below 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>	Project Cost (RM)	Minimum Requirement Of		M & E Coordinator	below 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 10 million	1 CoW											
between 10 to 50 million	1 Engineer & 1 CoW											
more than 50 million	1 Engineer & 2 CoW											
A1/10		TOTAL AMOUNT (RM)										

ITEM	DESCRIPTION	AMOUNT (RM)
A	<p><b>As-built Drawings and Documentation</b></p> <p>Pursuant to the terms of the contract, the Contractor shall provide approved As-built drawings as follows:</p> <ul style="list-style-type: none"> <li>i. 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;</li> <li>ii. Four (4) sets of Digital Copies in AutoCAD (.dwg) or any other compatible format to be stored in compact discs or removable storage; and</li> <li>iii. Four (4) sets of Digital Copies in Acrobat (.pdf) or any other compatible format to be stored in compact discs or removable storage.</li> </ul> <p>The As-built drawings supplied shall be comprehensive and to the satisfaction of the S.O as to allow for a complete understanding of the Works as they were actually built incorporating all Works arising from variations, expenditure of Provisional Sums and Prime Cost Sums.</p> <p><b>Clearing, Cleaning And Making Good On Completion</b></p>	
B	<p>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>	
	A1/11	TOTAL AMOUNT (RM)

ITEM	DESCRIPTION	AMOUNT (RM)
	<b><u>Official Visit to Overseas*</u></b>	
A	<p>a) 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</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>b) 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 (..... no.)*;  iii. J52 (..... no.)*;  iv. J48 (..... no.)*;  v. J41 (..... no.)*;  vi. ....; * and  vii. ....; *</p>	
C	<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).</p>	
A1/12 TOTAL AMOUNT (RM)		

ITEM	DESCRIPTION	AMOUNT (RM)
	<b><u>Official Visit to Overseas* (cont'd)</u></b>	
A	e) 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).	
B	d) The duration of the official visit for Training are .....** Days (not inclusive of the travelling days).	
C	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.	
D	f) 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.  * <del>Delete if not applicable</del> ** <del>Insert number of days</del>	
E	<b>Form of Contract</b>  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.	
A1/13 TOTAL AMOUNT (RM)		



ITEM	DESCRIPTION	AMOUNT (RM)
	<p><b><u>Clause No. 13 – Performance Bond / Performance Guarantee Sum</u></b>  <b><u>Performance Bond</u></b></p> <p>A 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> <p><b><u>Clause No.15</u></b></p> <p>B Insurance Against Personal Injuries And Damage To Property</p> <p><b><u>Clause No.16</u></b></p> <p>C Indemnities to Government in Respect of Claim by Workmen</p> <p><b><u>Clause No.17</u></b></p> <p>D Employees' Social Security Act. 1969</p> <p><b><u>Clause No.18</u></b></p> <p>E Insurance of Works</p> <p><b>Form of Contract (cont'd)</b></p> <p><b><u>Clause No. 22 – Design</u></b></p> <p>F Sub-clause No. 22.2 - Design Guarantee Bond  Design Guarantee Bond substantially in the form of Bank Guarantee for Design Guarantee Bond (PWD DGB 1/2011) appended in the Tender Document.</p>	
A1/14 TOTAL AMOUNT (RM)		

ITEM	DESCRIPTION	AMOUNT (RM)
A	<b><u>Clause No.35</u></b>	
	Opening up of work for inspection or testing of materials or goods.	
B	<b><u>Clause No.59 - Site Agent And Assistants</u></b>	
	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.	
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A1/15		TOTAL AMOUNT (RM)

## APPENDIX A/1A

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

No.	Items	UNIT	QTR	RATE (RM)	AMOUNT (RM)
1.	Safety Boots	PAIR	10		
2.	Safety Helmets	PCS	10		
3.	Full Body Harness (for working at height) if required	PCS	2		
4.	Protective gloves	PAIR	5		
5.	Safety Googles	PCS	5		
6.	Safety Jackets of reflective type	PCS	10		
7.	Ear plugs and muffs	PCS	5		
8.	Dust masks	PCS	20		
9.	Head lamp	PCS	1		
<b>TOTAL CARRIED TO Site Items For S.O./Office personal protective equipment (item A m/s A1/9)</b>					

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

## APPENDIX A/2

## LIST OF S.O'S FACILITIES AND EQUIPMENT

Provide and maintain the following for the use of the SO and his staff from the commencement of the Contract until the issuance of the Certificate of Practical Completion.

NO.	ITEM	UNIT	QTY	RATE (RM)	AMOUNT (RM)
1	The PC desktop shall be : <ul style="list-style-type: none"> <li>- Inter core i7-10700f (2.9 Hz)</li> <li>- 16gb 2666MHz DDR4 memory</li> <li>- 256 GB SSD + 1TB SATA HDD</li> <li>- NVIDIA GeForce GT1030 2 GB</li> <li>- Include mouse, keyboard, speaker, web camera (webcam) and microphone.</li> <li>- Window 10, microsoft office, microsoft project and autocad.</li> <li>- Monitor 27"</li> <li>- Printer (saiz A4 &amp; A3) colour including toner 5 set</li> </ul>	Set	2		
2	The fotostat machine medium duty (black & white) paper A3 & A4 including scanner	No	1		
3	The Projector shall be : <ul style="list-style-type: none"> <li>- Maksimun WXGA 1280 x 800 pixels</li> <li>- Maksimun 3000 lumens</li> <li>- HDMI video/audio input</li> <li>- 15-pin VGA</li> </ul>	No	1		
4	Kamera Digital shall be : <ul style="list-style-type: none"> <li>- Maksimun 16 megapixels</li> <li>- Maksimun 16BG memory card</li> <li>- Maksimun 5x optical zoom</li> <li>- Built in wi-fi</li> <li>- Full HD Video</li> </ul>	No	1		
5	A4 size paper high spped printing paper premium uncoated cad plotter 80gm/m <sup>2</sup>	Reams	200		
6	A3 size paper high spped printing paper premium uncoated cad plotter 80gm/m <sup>2</sup>	Reams	50		
<b>TOTAL CARRIED FORWARD</b>					

## APPENDIX A/2

NO.	ITEM	UNIT	QTY	RATE (RM)	AMOUNT (RM)
<b>TOTAL BROUGHT FORWARD</b>					
7	Measuring tape 30m length	No	1		
8	Measuring tape 10m length	No	1		
9	Trumeter / alat pengukur beroda	No	1		
10	Digital caliper 0 - 150mm	No	1		
11	Pen pilot G -2 0.7 (black)	No	40		
12	Pen pilot G -2 0.7 (red)	No	10		
13	Stapler HD-10 incuding staples	No	2		
14	Stapler HD-50 incuding staples	No	1		
15	Puncher paper 2 hole heavy duty	No	1		
16	Ring file 2D (white 50mm)	No	10		
<b>TOTAL CARRIED TO Site Items For S.O./Office Equipment And Facilities (item C m/s A1/9)</b>					

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 (RM)	AMOUNT (RM)
1	<p>Motorcycle to maximun 150 cc</p> <p>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.</p> <p>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.</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>	no	2		
TOTAL CARRIED TO Site Items For S.O./Office Transport Services (item D m/s A1/9)					

LIST OF LABORATORY EQUIPMENT

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

1. Project Introductions.
2. Management Responsibility.
3. OSH Programme.
4. Hazard Identification, Risk Assessment and Determining Control (HIRADC).
5. Safety and Health Control Form 6. Permit to Work (PTW).
7. Fire Precaution and Protection and Emergency Respond.
8. Safety Operation Procedure.
9. Investigation and Incident Report.
10. Occupational Safety and Health Statistics and Record.
11. Employee Health Examination.
12. Safety, Health and Welfare.
13. List of Machines, Equipment and Plant.
14. Traffic Control at Construction Site.
15. Personnel Protective Equipment (PPE).

Whenever there is any dispute arise, item listed as per Prosedur Kawalan Keselamatan dan Kesihatan Pekerjaan JKR.PK(O).04B (Format Pelan Keselamatan dan Kesihatan Pekerjaan, S-PLAN) under the latest version of Sistem Pengurusan Bersepadu (SPB), JKR shall be referred.





TABLE A2: ENVIRONMENTAL QUALITY STANDARDS TO BE COMPLIED WITH BY THE CONTRACTOR

Aspects	Parameter	JKR Minimum Requirement for Non-EIA Projects	Environment Quality (Sewage) Regulations, 2009		National Water Quality Standards (NWQS)	
			Standard A	Standard B	Class IIA	Class IIB
Soil	Soil loss	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-Sep	
	E-Coli	≤ 400 counts / 100 ml	-	-	≤100 counts/ 100ml	≤400 counts / 100 ml
	Dissolved Oxygen(DO)	≥ 4 mg/l	-	-	5-7 mg/l	
	Oil and Grease	≤ 10 mg/l	≤ 5 mg/l	≤ 10mg/l	≤ 40 µg /l, N	
	Ammoniacal Nitrogen (river)	-	≤ 10 mg/l	≤ 20mg/l	≤ 0.3 mg /l	
Silt trap and sediment basin discharge	Turbidity	≤ 250 NTU				
	Total Suspended Solid	≤ 50 mg/l				
Air <sup>3</sup>	Particulate Matter (PM <sub>10</sub> ) (24hr) Particulate Matter (PM <sub>2.5</sub> ) (24hr)		≤120 µg/m <sup>3</sup> /day ≤50 µg/m <sup>3</sup> /day			
Noise <sup>4</sup>	Equivalent Noise Level (L <sub>eq</sub> ), L <sub>10</sub> , L <sub>90</sub>		Receiving Land Use (residential)			
			Day time (7.00 am – 7.00 pm ) L <sub>90</sub> ≤ 60 dBA; L <sub>10</sub> ≤75 dBA; L <sub>max</sub> ≤ 90 dBA;			
			Evening (7.00 pm – 10.00 pm) L <sub>90</sub> ≤55 dBA; L <sub>10</sub> ≤70 dBA; L <sub>max</sub> ≤ 85 dBA;			
			Night time (10.00 pm – 7.00 am) Noise Sensitive Areas : L <sub>Aeq</sub> ≤40 dBA			
			Suburban Areas : L <sub>Aeq</sub> ≤ 45 dBA			
			Urban Areas : L <sub>Aeq</sub> ≤ 50 dBA			
Vibration <sup>5</sup>	Vertical Vibration Peak Velocity (mm/s)	Not more than 3 mm/s at receiver location or across real property boundary.				

## Reference:

1) 2nd Schedule (Regulation 7), Environment Quality (Sewage) Regulations 2009, Environment Quality Act 1974.

Standard A: For location with downstream water intake.

(ii) Standard B: For location with no downstream water intake.

2) National Water Quality Standards for Malaysia:

(i) Class IIA: Water Supply II – conventional treatment required.

a. Fishery II – sensitive aquatic species.

(ii) Class IIB: Recreational use with body contact.

3) Recommended Malaysian Guidelines on Ambient Air Quality.

4) Schedule 1 &amp; Schedule 6, Planning Guidelines for Environmental Noise Limits &amp; Control, (DOE, 2004).

5) Planning Guidelines for Vibration Limits and Control of the Environment (DOE, 2004).

ITEM	DESCRIPTION	AMOUNT (RM)
	<p><b><u>COLLECTION</u></b></p> <p>From Page A1/1</p> <p>From Page A1/2</p> <p>From Page A1/3</p> <p>From Page A1/4</p> <p>From Page A1/5</p> <p>From Page A1/6</p> <p>From Page A1/7</p> <p>From Page A1/8</p> <p>From Page A1/9</p> <p>From Page A1/10</p> <p>From Page A1/11</p> <p>From Page A1/12</p> <p>From Page A1/13</p> <p>From Page A1/14</p> <p>From Page A1/15</p>	
<b>TOTAL PRELIMINARIES AND GENERAL CONDITIONS - CARRIED TO SUMMARY :</b>		

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT B - FOOTBALL FIELD (All Quantities Are Provisional)</b></p> <p>Notes:-</p> <p>The scope of works described herewith are provided for GUIDANCE ONLY.</p> <p>This Bills is to read in conjunction with the Specification, Preliminaries and Drawings.</p> <p>The Contractor shall satisfy himself on the actual extend of the Contract Works.</p> <p>The Contractor shall examine the drawings, visit the site, inspect the existing premises and satisfy himself as to the nature and extent of the works and also the working conditions to be encountered. No claims for extra payment in this respect will be entertained.</p> <p>The Contractor shall ascertain for himself the actual quantities required including the wastages</p> <p>The Contractor shall allow for protection and supports of all works which maybe be affected by the demolition works.</p>				

BQ B/1

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT B - FOOTBALL FIELD (All Quantities Are Provisional) (Cont'd)</b></p> <p>Notes:-</p> <p>The Contractor shall be required to repair or replace at his own expenses any parts or complete items which in the opinion of the Architect/ Engineer/ Interior Designer have been damaged as a result of insufficient care of removing, handling and protecting.</p> <p>All works shall be strictly in compliance to Specifications provided and/or product manufacturers instruction (hereinafter referred as specified) and to the approval of the S.O. (hereinafter referred as the S.O.)</p> <p>All dimensions, area &amp; length to be checked and adjusted on site by contractor. Any discrepancy shall be reported to S.O.</p> <p>The Contractor shall be required to submit shop drawing for architect's verification before commencement of work on site.</p> <p>The Contractor shall be required to submit catalog/sample for architect's verification before commencement of work on site.</p> <p>The Contractor shall be required to submit method statement for all material approval and mock-up subject to the approval of the S.O. before</p> <p>The rates and prices inserted shall be deemed to have allowed for compliance with the stipulations and other documents forming part of the contract.</p>				

BQ B/2

**BQ B/3**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT B - FOOTBALL FIELD (All Quantities Are Provisional) (Cont'd)</b>				
	<b><u>NEW WORK FOOTBALL FIELD (Cont'd)</u></b>				
	<b><u>OUTLET PIPE</u></b>				
	100mm diameter pvc pipe 600mm long for water outlet including all necessar works work for the complete installation as per Specialist Drawing.	NO	42		
	<b><u>PIPE CULVERT</u></b>				
B	Construction of 300mm pipe culvert and all necessary work for the complete installation as per Specialist Drawing.	M	120		
C	<b><u>MAINTENANCE DRAINAGE</u></b>				
	Work to maintain drain drainage from rubbish and grass to avoid blocked drain drainage	M	400		
D	<b><u>BASE COURSE</u></b>				
D	100mm thick washed aggregate spread, levelled, well rolled and compacted to receive sand ( measured separately)	M2	8,950		
E	150mm thick washed fine sand spread, levelled, well rolled and compacted to receive turfing ( measured separately)	M2	8,950		
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT B - FOOTBALL FIELD (All Quantities Are Provisional) (Cont'd)</b>  <b><u>CLOSE TURFING " ROLL FORM"</u></b>  A Close turfing "Roll Form" to flat surface with approved good grade cow grass (Axonopus Compresses Class A) high quality no fuss accordance to FIFA standard laid on washed fine sand including watering, rolling, weeding and tending untill firmly and well established  <i>Note: Cow grass (Axonopus Compresses) must be procurement of supplies should be from experienced suppliers</i>  <b><u>LINE</u></b>  B Prepare and apply one coat binder and two finishing coats of approved white line paint 120mm wide including all circular lines on well established turf accordance to FIFA standard size.  <b><u>BARRIER FENCE / PAGAR PENGHADANG</u></b>  C To supply and install <b>BARRIER FENCE /PAGAR PENGHADANG</b> to overall size 50m x 9m with support all accordance to FIFA standard and placing in position  <b><u>PORTABLE ALUMINIUM GOAL POST</u></b>  D To supply, deliver and install goal post overall size 7.32m x 2.44m with special aluminium profile 120mm x 100mm complete with goal netting including foldable bar frame, 2 support net poles and complete with 15 nos of tournament football all accordance to FIFA standard and placing in position.	M2	8,950		
		L.S			
		NO	1		
		NO	2		
	<b>TO COLLECTION</b>				



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT B - FOOTBALL FIELD (All Quantities Are Provisional) (Cont'd)</b>				
	<b><u>CORNER FLAG FLEXIBLE POST</u></b>				
A	To supply and install 50mm diameter plastic corner flexible pole 1750mm long with flexible joint and standart ground socket including polyester fabric corner flag all accordance to FIFA standard and placing in position	NO	4		
B	<b><u>INTERNATIONAL BODIES CERTIFICATION</u></b>				
	To arrange and provide for In-situ inspection by accredited test institute (ATI) to obtain FIFA Quality Certification.	L.S			
	<b>Note:</b>				
	The Contractor shall be required to submit catalog/sample for architect's verification before commencement of work on site.				
	This work does not mean a soil test. If a soil test for 'Macintosh/JKR Probe' is required, the contractor should refer to item preliminaries A1/8/D				
	the completion period of grass planting work is 12 months :				
	i. 6 months for planting grass				
	ii. 6 months to mature grass growth				
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT B - FOOTBALL FIELD (All Quantities Are Provisional) (Cont'd)</b>  <b><u>COLLECTION</u></b>  From Page No. BQ B/3  From Page No. BQ B/4  From Page No. BQ B/5  From Page No. BQ B/6				
<b>TOTAL ELEMENT B - FOOTBALL FIELD (All Quantities Are Provisional) - CARRIED TO SUMMARY :</b>					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK <i>(All Quantities Are Provisional)</i></b></p> <p><u>NOTES</u></p> <p>The scope of works described herewith are provided for GUIDANCE ONLY.</p> <p>This Bills is to read in conjunction with the Specification, Preliminaries and Drawings.</p> <p>The Contract shall satisfy himself on the actual extent of the Contract Works.</p> <p>The Contractor shall examine the drawings, visit the site, inspect the existing premises and satisfy himself as to the nature and extent of the works and also the working conditions to be encountered. No claims for extra payment in this respect will be entertained.</p> <p>The Contractor shall ascertain for himself the actual quantities required including the wastages and etc.</p> <p>The Contractor shall allow for protection and supports of all works which maybe be affected by the demolition works.</p> <p>The Contractor shall be required to repair or replace at his own expenses any parts or complete items which in the opinion of the Architect/ Engineer/ Interior Designer have been damaged as a result of insufficient care of removing, handling and protecting.</p>				

BQ C/1

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK (All Quantities Are Provisional)</b></p> <p>All works shall be strictly in compliance to Specifications provided and/or product manufacturers instruction (hereinafter referred as specified) and to the approval of the S.O. (hereinafter referred as the S.O.)</p> <p>All dimensions, area &amp; length to be checked and adjusted on site by contractor. Any discrepancy shall be reported to S.O.</p> <p>The Contractor shall be required to submit shop drawing for architect's verification before commencement of work on site.</p> <p>The Contractor shall be required to submit catalog / sample for architect's verification before commencement of work on site.</p> <p>The Contractor shall be required to submit method statement for all material approval and mock-up subject to the approval of the S.O. before commencement of work on site.</p> <p>The rates and prices inserted shall be deemed to have allowed for compliance with the stipulations and other documents forming part of the contract.</p>				

BQ C/2

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK (All Quantities Are Provisional)</b>  All works must be in accordance to Drawing no : PKRT.a.SP(F)24/1  <b><u>EXCAVATION AND REMOVAL WORKS</u></b>				
A	To scarify and remove existing synthetic track surface and to cart away within site area. including also soil mechanic sub-grade, unbound base course; all as described	M2	6,100		
B	To scarify and remove existing synthetic track long jump pit surface and to cart away within site area. including also soil mechanic sub-grade, unbound base course; all as described	M2	320		
C	To scarify and remove existing Cow Grass "D" area surface and cow grass area cart away to receive new synthetic track	M2	2,000		
D	To trim, grade and roll sub-grade as described to the required chambers and gradients (1% for runway and 0.4% for 'D' segment) and prepare surface to receive base course and including all necessary works.	M2	8,100		
E	To remove existing Hammer Cage/Lontar Peluru area including surface and concrete slab.	NO	1		
F	To scarify and remove existing jump pit/long jump pit turfing area surface and to cart away to receive new synthetic turfing	M2	870		
G	To scarify and remove existing perimeter outer kerbing and to cart away to receive new synthetic track	M	90		
	<b>TO COLLECTION</b>				

BQ C/3

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK (All Quantities Are Provisional)</b>				
	<b>NEW BASE COURSE</b>				
A	To supply 50mm thick sand sub-base, levelled and well compacted to receive crusher-run as described	M2	8,970		
B	To supply and lay 200mm (finish) bed of crusher run as described in two layer, each 100mm thick of track, rolled to required chambers and gradients (0.9% & 0.4%), all in accordance with the specialist's requirement to receive premix	M2	8,970		
C	To supply and spray approved bituminous tack coat spread at the rate of 1.46m2 per liter.	M2	8,970		
D	To supply and lay 40mm approved asphalt cohesive supporting base layer as described rolled to the required chambers and gradient (0.9% & 0.4%) all in accordance with the specialist requirements.	M2	8,970		
E	To supply and spray approved bituminous tack coat spread at the rate of 1.46m2 per liter.	M2	8,970		
F	To supply and lay average 35mm approved fine asphalt ACWC 10 rolled to the required chambers and gradients (1% & 0.4%) or to existing gradients, using sensor paver equipped with Laser control equipments, all in accordance to specialist's requirements to receive synthetic surfacing system.	M2	8,970		
	<b>TO COLLECTION</b>				

BQ C/4

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK (All Quantities Are Provisional)</b>  <b><u>SYNTHETIC RUNNING TRACK SYSTEM</u></b>  To supply and lay by specialist (13.7mm thick) all weather fully cast-in-situ embedded type sandwich polyurethane synthetic running track system "SPRINT SW" (8lane) consist of average 10mm thick resilient base elastic layer made of polyurethane (PU) bonded with compacted Styrene Butadiene Rubber (SBR) granules, paving using special synthetic paver, and 4mm thk. red Ethylene Propylene Diene Monomer (EPDM) granules size 1.0 - 4.0mm sprinkled and permanently embedded on top of red polyurethane layer. This system shall be surface water impermeable, spike resistant, and to be laid in accordance to World Athletics/IAAF requirementst complete with minimum 5 years warranty product/performance with approval from Architect/S.O.  <b>Note:</b> 1) Product and System approved by World Athletics. 2) Minimun 15 years in Track & Field construction 3) Latest 3 years project references related in Running Track. 4) Authorised Agency Letter From Principle. 5) Authorised Approved Applicator Letter from Principle. 6) Joint Warantty Letter between Local Approved Agent and Manufacturer / Principle. (Waranty minimum 5 Years)	M2	8,970		
	<b><u>LINES MARKINGS</u></b>  To prepare and apply by specialist 50mm wide track marking lines of approved polyurethane and all necessary works including surveying, all in accordance to Athletics requirements rules and specification. Provide WAO CLASS 2 Certification.	L.S			
	<b>TO COLLECTION</b>				

BQ C/5

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK (All Quantities Are Provisional)</b>  <b><u>EVENT INDICATOR PLATES</u></b>  A To supply and fix complete set of indicator plates along the precast perimeter outer kerb surface for the the indentifying the line markings and all necessary works and all in accordance to World Athletics requirements.  <b><u>PERIMETER ALUMINUM KERBING</u></b>  B To supply and install by specialist anodised perimeter aluminum kerbing including all fittings and necessary works.  <b><u>PERIMETER OUTER KERBING</u></b>  C To supply and install precast concrete kerb Grade 20 to size 100mm x 200mm including excavation, concrete anchoring, backfilling and all necessasy works  <b><u>LONG &amp; TRIPLE JUMP RUNWAY AND SAND PIT</u></b>  <b><u>NEW BASE COURSE</u></b>  D To supply 50mm thick sand sub-base, levelled and well compacted to receive crusher-run as desribed  E To supply and lay 200mm (finish) bed of crusher run as described in two layer, each 100mm thick of track, rolled to required chambers and gradients (0.9% & 0.4%), all in accordance with the specialist's requirement to receive premix	L.S			
		M	400		
		M	120		
		M2	280		
		M2	280		
	<b>TO COLLECTION</b>				

BQ C/6



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	ELEMENT C - CIVIL WORKS & SYNTHETIC TRACK ( <i>All Quantities Are Provisional</i> )  LONG & TRIPLE JUMP RUNWAY AND SAND PIT ( <i>Cond't</i> ) <hr/> <u>NEW BASE COURSE (<i>Cond't</i>)</u>  To supply and spray approved bituminous tack coat spread at the rate of 1.46m2 per liter.	M2	280		
B	To supply and lay 40mm approved asphalt cohesive supporting base layer as described rolled to the required chambers and gradient all in accordance with the specialist requirements.	M2	280		
C	To supply and spray approved bituminous tack coat spread at the rate of 1.46m2 per liter.	M2	280		
D	To supply and lay average 35mm approved fine asphalt ACWC 10 rolled to the required chambers and gradients or to existing gradients, using sensor paver equipped with Laser control equipments, all in accordance to specialist's requirements to receive synthetic surfacing system.	M2	280		
	TO COLLECTION				

**BQ C/7**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK</b> <i>(All Quantities Are Provisional)</i>				
	<b>LONG &amp; TRIPLE JUMP RUNWAY AND SAND PIT</b> <i>(Cond't)</i>				
	<b><u>SYNTHETIC RUNNING TRACK SYSTEM</u></b>				
	To supply and lay by specialist (13.7mm thick) all weather fully cast-in-situ embedded type sandwich polyurethane synthetic running track system "SPRINT SW" consist of average 10mm thick resilient base elastic layer made of polyurethane (PU) bonded with compacted Styrene Butadiene Rubber (SBR) granules, paving using special synthetic paver, and 4mm thk. red Ethylene Propylene Diene Monomer (EPDM) granules size 1.0 - 4.0mm sprinkled and permanently embedded on top of red polyurethane layer. This system shall be surface water impermeable, spike resistant, and to be laid in accordance to World Athletics/IAAF requirementst complete with minimum 5 years warranty product/performance with approval from Architect/S.O.	M2	280		
B	To supply and install precast concrete kerb Grade 20 to size 100mm x 200mm icluding excavation, concrete achoring, backfilling and all necessary works	M	50		
C	To construct new Long and Triple Jump pit, size 10m x 4m incl. drainage , silica sand and aluminium Sand Trap accordance to WA requirements.	NO	2		
D	To Supply and install Long and triple jump take-off board and blanking board in accordance to IAAF requirements	NO	6		
	<b>TO COLLECTION</b>				

BQ C/8

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
<b>ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK (All Quantities Are Provisional)</b>					
<b><u>HAMMER CAGE / LONTAR PELURU</u></b>					
A	To reinstall Hammer Cage with reinforced concrete footing and slab base 25P, 150mm thickness BRC A8 complete with netting ,door and supply and construct Discuss cum Hammer concrete platform including drainage outlet, hammer cage post ground sleeves and galvanised circle ring, in accordance to WA requirements.	L.S			
B	Remove and takeout existing finishes, repair and prepare the surface. Apply one layer primer coating.	L.S			
<b><u>MAKE GOOD</u></b>					
C	To repair and make good all works disturbed at outer perimeter kerb. To specialist	M	800		
D	To repair and make good all works disturbed at inner perimeter drain including clearing of the drain	L.S			
E	To remove, paint and reinstall existing MS drain grating cover	L.S			
F	To construct cast in-situ concrete cover with slotted hole to the inner perimeter drain at "D" area.	L.S			
G	Making good score board all as per S.O instruction	L.S			
<b>TO COLLECTION</b>					

BQ C/9

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK (All Quantities Are Provisional)</b>				
A	To construct Steeplechase water jump pit c/w water jump pit, drainage outlet, valve, m.s. sump cover in accordance to WA requirements.	NO	1		
B	To supply and install Steeplechase water jump hurdle in accordance to WA requirements.	NO	1		
C	To supply and construct Shot-putt concrete platform including drainage outlet and galvanised circle ring in accordance to WA requirements.	NO	1		
D	To supply and install timber Shot-putt stop board circle ring in accordance to WA requirements.	NO	1		
E	To supply and install concentric inlay glass fibre ring for hammer throw in accordance to WA requirements.	NO	1		
F	To supply and install concentric inlay glass fibre ring for hammer throw in accordance to WA requirements.	NO	1		
G	To supply aluminium Competition Hurdles in accordance to WOA Requirements.	NO	88		
H	To supply and install Pole vault box with drain holes and outlet and box cover in accordance to WA requirements.	NO	1		
J	To supply Aluminium mobile trolley for hurdles capacity 20 hurdles per trolley	NO	4		
	<b>TO COLLECTION</b>				

BQ C/10



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK (All Quantities Are Provisional)</b>  <b><u>COLLECTION</u></b>  From Page No. BQ C/3  From Page No. BQ C/4  From Page No. BQ C/5  From Page No. BQ C/6  From Page No. BQ C/7  From Page No. BQ C/8  From Page No. BQ C/9  From Page No. BQ C/10  From Page No. BQ C/11				
<b>TOTAL ELEMENT C - CIVIL WORKS &amp; SYNTHETIC TRACK (All Quantities Are Provisional) - CARRIED TO SUMMARY :</b>					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT D - ASTAKA (All Quantities Are Provisional)</b></p> <p><u>NOTES:</u></p> <p>The scope of works described herewith are provided for GUIDANCE ONLY.</p> <p>This Bills is to read in conjunction with the Specification, Preliminaries and Drawings.</p> <p>The Contract shall satisfy himself on the actual extent of the Contract Works.</p> <p>The Contractor shall examine the drawings, visit the site, inspect the existing premises and satisfy himself as to the nature and extent of the works and also the working conditions to be encountered. No claims for extra payment in this respect will be entertained.</p> <p>The Contractor shall ascertain for himself the actual quantities required including the wastages and etc.</p> <p>The Contractor shall allow for protection and supports of all works which maybe be affected by the demolition works.</p> <p>The Contractor shall be required to repair or replace at his own expenses any parts or complete items which in the opinion of the Architect/ Engineer/ Interior Designer have been damaged as a result of insufficient care of removing, handling and protecting.</p>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b></p> <p><u>NOTES:</u></p> <p>All prices for renovation works shall be inclusive of making good surrounding and any works disturbed and carefully removing and carting away all debris off site.</p> <p>All works shall be strictly in compliance to Specifications provided and/or product manufacturers instruction (hereinafter referred as specified) and to the approval of the S.O. (hereinafter referred as the S.O.)</p> <p>This drawing should be read in conjunction with the following drawing:</p> <p>a. Pelan Lantai Bawah, Pelan Lantai Atas (PKRT.a.7.10./38/A/1)</p> <p>b. Pandangan Hadapan, Pandangan Belakang, Pandagan Sisi Kanan, Pandangan Sisi Kiri (PKRT.a.7.10./38/A/2)</p> <p>c. Pelan Bumbung (PKRT.a.7.10./38/A/3)</p> <p>All dimensions, area &amp; length to be checked and adjusted on site by contractor. Any discrepancy shall be reported to S.O.</p>				



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b></p> <p><u>NOTES:</u></p> <p>The Contractor shall be required to prepare surface before start work to floor, wall, ceiling and other finishes.</p> <p>The Contractor shall be required to submit shop drawing for architect's verification before commencement of work on site</p> <p>Repair and replacement works shall be carried out by the contractor in the event of any damage to the floor, walls, ceiling, apron and existing drains on site during the construction work.</p> <p>The ceiling structure shall be suspended up to the level of the soffit slab.</p> <p>The Contractor shall clean the works of the entire area of the Astaka including existing drains.</p> <p>The Contractor shall be required to submit method statement for all material approval and mock-up subject to the approval of the S.O. before commencement of work on site.</p>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b></p> <p><b><u>DEMOLITION WORKS</u></b></p> <p>All works must be in accordance to Drawing no: PKRT.a.7.10/38/A/1-3</p> <p><u>Removal of existing Roof</u></p> <p>A Carefully take out existing existing Metal Deck Roof including all necessary to receive new roof (measure separately) as per supplier detail, cart away debris from site and making good all work disturbed to the satisfactory of the S.O.</p> <p><u>Removal of Existing Floor Finishes</u></p> <p><b><u>VVIP stand</u></b></p> <p>B Carefully take out existing floor tiles and prepare the surface to receive new finishes (measured separately), cart away debris from site and making good all work disturbed to the satisfactory of the S.O.</p> <p>Bilik Persalinan (away), Bilik Pengadil, Bilik Persalinan Home, Tandas</p> <p>C Carefully take out existing floor tiles and wall and prepare the surface to receive new finishes (measured separately), cart away debris from site and making good all work disturbed to the satisfactory of the S.O.</p>	M2	440		
		M2	30		
		M2	308		
	<b>TO COLLECTION</b>				

BQ D/4

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b>  <b><u>DEMOLITION WORKS (Cont'd)</u></b>  <b><u>Removal of Existing Tiles On Countertop Basin</u></b>  A Carefully take out existing tiles and prepare the surface to receive new finishes (measured separately), cart away debris from site and making good all work disturbed to the satisfactory of the S.O.  <b><u>Removal of Existing Doors and Windows</u></b>  Carefully take out existing doors and windows including framing, cart away debris from site and making good all work disturbed to the satisfactory of the S.O.				
B	Overall size 900mm x 2100mm high	NO	17		
C	Louvers/windows overall size 600mm x 450mm size high	NO	40		
	<b><u>Removal of Existing Sanitary Fitting</u></b>  Carefully dismantle and take out existing sanitary fittings, cart away debris from site and making good all work disturbed to the satisfactory of the S.O.				
D	Floor trap	NO	16		
E	Pillar Tap	NO	11		
F	Shower head	NO	5		
G	Hand held bidet set	NO	12		
	<b>TO COLLECTION</b>				

BQ D/5

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b>  <b><u>DEMOLITION WORKS (Cont'd)</u></b>  <b><u>Removal of existing drain</u></b>  Carefully take out existing perimeter drainage to discharge to receive new drainage, cart away debris from site and making good all work disturbed to the satisfactory of the S.O.	M	60		
	<b><u>NEW WORKS</u></b>  <b><u>ROOF</u></b>  <b><u>Approved Metal Roofing</u></b>  B Roof finish with a thickness of 0.53mm TCT IN COLOURBOND XRW AZ150 CLIP FIXING TO METAL ROOF type 'INNOCLIP SYSTEM' equipped with related accessories All item need to refer manufacturer's detail and all in accordance to S.O's / Architect's approval. as per drawing PKRT.a.7.10/38/A/1-3  Replace damaged metal roofing as per existing design and size including all necessary fixing accesories complete with prepare and apply one (1) layer of primer and two (2) layers of roof coating. All item need to refer manufacturer's detail and all in accordance to S.O's / Architect's approval.	M2	440		
	<b>TO COLLECTION</b>				

**BQ D/7**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b>  <b><u>NEW WORKS (Cont'd)</u></b>  <b><u>DOOR &amp; WINDOW (Cont'd)</u></b>  Supply and fix approved door system. Refer to manufacturer's detail and all n accordance to S.O's/ Architect's approval.				
A	Size 725mm (W) x 1750mm (H) x 12mm thk ( measeure carefully) phenolic high pressure laminated HPL waterproof door complete with accessories.  Supply and fix approved top hung windows. Refer to manufacturer's detail and all n accordance to S.O's/ Architect's approval.	NO	13		
B	Top hung windows size 450mm x 450mm (measure carefully) complete with accessories.  <b><u>INTERNAL WALL</u></b>  210mm x 100mm x 65mm common brick ; in cement mortar (1:3) bedded and jointed	NO	40		
C	Walls  <b><u>INTERNAL WALL FINISH</u></b>  <b><u>IN-SITU FINISHING</u></b>  Internal Plastering 20mm thick to brick concrete surface consisting of two coat cement and sand (1:3)	M2	30		
D	To sides of wall	M2	30		
	<b>TO COLLECTION</b>				

BQ D/8

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b>  <b><u>NEW WORKS (Cont'd)</u></b>  <b><u>INTERNAL WALL FINISH (Cont'd)</u></b>  Prepare the surface and apply one coat approved undercoat and two coat approved green label paint, colour and pattern all in accordance to S.O's / Architect's approval as described for internal wall				
	To plastered wall column and beam	M2	240		
	300mm x 600mm x 6mm thk approved ceramic wall tiles, laid in pattern, bedded, jointed and pointed with matching colour cement mortar with approved adhesive on cement and sand backing screed. All item need to refer manufacture detail and S.O's / Architect's approval				
	To wall from ground to 2900mm (full height) height.	M2	225		
B	<b><u>EXTERNAL WALL FINISHES</u></b>  Prepare the surface and apply one coat approved undercoat and two coat approved green label paints colour and pattern all in accordance to S.O's / Architect's approval as described for external wall				
	To plastered wall and column	M2	200		
TO COLLECTION					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b>				
	<b><u>NEW WORKS (Cont'd)</u></b>				
	<b><u>INTERNAL FLOOR FINISHES</u></b>				
	300mm x 600mm x 6mm thk approved 'anti slip' porcelain floor tiles, laid n pattern, bedded, jointed and pointed with matching colour cement mortar with approved adhesive on cement and sand backing screed. All item need to refer manufacture detail and S.O's / Architect's approval				
A	To floor	M2	120		
	<b><u>EPOXY SURFACE</u></b>				
B	Remove and takeout existing finishes, repair and prepare the surface. Apply one layer primer coating. 5mm thk epoxy mortar,one layer seal coat and one layer PU paint , colour and pattern all in				
	To floor	M2	120		
C	<b><u>WATERPROOFING SYSTEM</u></b>				
	Liquid applied waterproofing : 2 coats at 1kg/m2/coat in accordance to the manufacturer's specification and instruction				
C	On concrete, screed or the like	M2	45		
	<b>TO COLLECTION</b>				



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT D -ASTAKA (All Quantities Are Provisional) (Cont'd)</b>  <b><u>NEW WORKS (Cont'd)</u></b>  <b><u>EXTERNAL FLOOR FINISHES</u></b>  <b><u>EPOXY SURFACE</u></b>  Remove and takeout existing finishes, repair and prepare the surface. Apply one layer primer coating. 5mm thk epoxy mortar, one layer seal coat and one layer PU paint , colour and pattern all in				
A	To floor	M2	38		
B	To 'Tempat Duduk Astaka' To stair	M2	390		
C	To stair	M2	20		
	<b><u>VVIP STAND TILE</u></b>  600mm x 600mm x 6mm thk approved 'Non-slip' porcelain floor tiles, laid n pattern, bedded, jointed and pointed with matching colour cement mortar with approved adhesive on cement and sand backing screed. All item need to refer manufacture detail and S.O's / Architect's approval				
D	To floor	M2	30		
	<b><u>HAND RAILING</u></b>  Prepare the surface and apply one coat of premium alkyd undercoat and two coat of finishing gloss enamel paint, colour and pattern and including make good all necessary all n accordance to S.O's / Architect's approval	L.S			
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT D -ASTAKA (All Quantities Are Provisional) (Cont'd)</b>  <b><u>NEW WORKS (Cont'd)</u></b>  <b><u>COUNTER TOP</u></b>  Construct and complete 2 'besin' counter top reinforced concrete overall size 1600mm long x 600mm wide x 100 mm thick including all necessary concrete work, reinforcement, formwork, finish with 600mm x 600mm x 8mm polish tile including all necessary, sewerage pipe works, material, equipment all and accordance to S.O's / Architect's approval.	NO	1		
	Overall size 1600mm long x 600mm wide x 650mm high				
	<b><u>COUNTER TOP FINISH</u></b>				
B	600mm x 600mm x 8mm polish tile including all necessary to Counter Top laid in pattern, bedded, jointed and pointed with matching colour cement mortar with approved adhesive on cement and sand backing screed. All item need to refer manufacture detail and S.O's / Architect's approval	M2	10		
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT D -ASTAKA (All Quantities Are Provisional) (Cont'd)</b>  <b><u>NEW WORKS (Cont'd)</u></b>  Supply and fix the following sanitary fittings including all necessary joints, connections and making good work disturbed as described				
A	Approved 150mm x 150mm stainless steel floor trap to S.O's / Architect's approval	NO	17		
B	Approved Fixed shower head with single function c/w shower tap to Architect's approval	NO	5		
C	Approved Hand held bidet set stainless steel to Architect's approval	NO	12		
D	Approved Pilar tap set complete with brass handle to Architect's approval	NO	11		
E	Approved Face mirror 500mm x 600mm x 6mm high quality clear mirror CW 6mm waterproof plywood CW 12mm L angle NA aluminium Frame and 4 NOS flat head screws	NO	13		
	<b><u>BUILT-IN FURNITURE</u></b>  To supply and install approved built-in phenolic HPL locker c/w accessories and waterproof sticker numbering to each door locker. All item need to refer manufacter detail and S.O's / Architect's approval as described				
F	500mm(L) x 2100mm(H) x 450mm(W) with key	NO	6		
G	3000mm(L) x 2100mm(H) x 450mm(W) locker	NO	24		
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b>  <b><u>NEW WORKS (Cont'd)</u></b>  <b><u>SUPPLY TECHNICAL BOARD</u></b>				
A	Supply and install new 2000mm(L) x 2500mm(H) soft board complete with accessories and aluminium frame. Refer to manufacturer's detail and all to Architect's approval.	NO	2		
B	Supply and install new 2000mm(L) x 2500mm(H) x 10mm thk. High impact acrylic board complete with sticker and other accessories. Refer to manufacturer's detail and all to Architect's approval.	NO	2		
	Clean water supply pipe system and sanitary pipe system for toilets in Astaka				
C	Inspection and replacement of damaged or leaking clean water supply pipes (if necessary) as well as inspection and maintenance of all clogged sanitary waste pipelines	L.S			
	<b><u>ALUMINIUM LOUVERS</u></b>				
D	Supply and install new frame structure "sun louvers aluminum" made of medium hard steel "Hot dip galvanized" in a new position. size and thickness refer to engineer and architect details for confirmation and approval. PKRT.a.7.10/38/A/1-2	L.S			
E	Apply new Luxalono / Louvers aluminum type 84R/SL4 84mm wide ,16mm deep, 0.6mm thick architect approved aluminum alloy enamelled in pre painted super durable polyester (SDP) / rust, poppy, flame and font approved by the architect PKRT.a.7.10/38/A/1-2	M2	23		
	<b>TO COLLECTION</b>				

**BQ D/15**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b>				
	<b><u>NEW WORKS (Cont'd)</u></b>				
A	<b><u>AWNING</u></b>				
	Construction of 'awning' 1500mm 'I beam' truss structure with epoxy powder coated paint finish and roof installation same as the main roof complete with 'flashing' as recommended by the supplier, please consult the architect for design and approval and the engineer for details	M	29		
B	<b><u>IN-SITU FINISHINGS</u></b>				
	Carefully take out existing apron surface and make good with 20mm thick Cement and sand (1:3) rendering as specified; trowelled smooth with a steel trowel to the satisfactory of the S.O.	M2	140		
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT D - ASTAKA (All Quantities Are Provisional) (Cont'd)</b>  <b><u>COLLECTION</u></b>  From Page No. BQ D/4  From Page No. BQ D/5  From Page No. BQ D/6  From Page No. BQ D/7  From Page No. BQ D/8  From Page No. BQ D/9  From Page No. BQ D/10  From Page No. BQ D/11  From Page No. BQ D/12  From Page No. BQ D/13  From Page No. BQ D/14  From Page No. BQ D/15  From Page No. BQ D/16				
<b>TOTAL ELEMENT D - ASTAKA (All Quantities Are Provisional) - CARRIED TO SUMMARY :</b>					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional)</b></p> <p><u>NOTES:</u></p> <p>The scope of works described herewith are provided for GUIDANCE ONLY.</p> <p>This Bills is to read in conjunction with the Specification, Preliminaries and Drawings.</p> <p>The Contract shall satisfy himself on the actual extent of the Contract Works.</p> <p>The Contractor shall examine the drawings, visit the site, inspect the existing premises and satisfy himself as to the nature and extent of the works and also the working conditions to be encountered. No claims for extra payment in this respect will be entertained.</p> <p>The Contractor shall ascertain for himself the actual quantities required including the wastages and etc.</p> <p>The Contractor shall allow for protection and supports of all works which maybe be affected by the demolition works.</p> <p>The Contractor shall be required to repair or replace at his own expenses any parts or complete items which in the opinion of the Architect/ Engineer/ Interior Designer have been damaged as a result of insufficient care of removing, handling and protecting.</p>				



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b></p> <p><u>NOTES:</u></p> <p>All prices for renovation works shall be inclusive of making good surrounding and any works disturbed and carefully removing and carting away all debris off site.</p> <p>All works shall be strictly in compliance to Specifications provided and/or product manufacturers instruction (hereinafter referred as specified) and to the approval of the S.O. (hereinafter referred as the S.O.)</p> <p>This drawing should be read in conjunction with the following drawing:</p> <p>a. Pandangan Hadapan, Pandangan Belakang, Pandagan Sisi Kanan, Pandangan Sisi Kiri (PKRT.a.7.10./38/DS/1)</p> <p>b. PKEratan A-A, Keratan B-B. Butiran A dan Butiran B (PKRT.a.7.10./38/DS/2)</p> <p>All dimensions, area &amp; length to be checked and adjusted on site by contractor. Any discrepancy shall be reported to S.O.</p> <p>The Contractor shall be required to prepare surface before start work to floor, wall, ceiling and other finishes.</p>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b></p> <p><u>NOTES:</u></p> <p>The Contractor shall be required to submit shop drawing for architect's verification before commencement of work on site</p> <p>The Contractor shall be required to submit shop drawing for architect's verification before commencement of work on site</p> <p>The Contractor shall be required to submit shop drawing for architect's verification before commencement of work on site</p> <p>Repair and replacement works shall be carried out by the contractor in the event of any damage to the floor, walls, ceiling, apron and existing drains on site during the construction work.</p> <p>The Contractor shall clean the works of the entire area of the Gelanggang Serbaguna including existing drains.</p> <p>The Contractor shall be required to submit method statement for all material approval and mock-up subject to the approval of the S.O. before commencement of work on site.</p>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b>				
	<b>REMOVAL/DEMOLITION WORKS</b>				
	The Contractor shall demolish and dismantle all obstacles including take out all the debris of existing to approved disposal area				
	<b><u>Removal of existing Roof</u></b>				
A	Carefully take out existing existing Metal Deck Roof including heat insulation to receive new roof (measure separately) as per supplier detail, cart away debris from site and making good all work disturbed to the satisfactory of the S.O.	M2	1,530		
	<b><u>Removal of existing Slab with surface</u></b>				
B	Carefully take out existing floor with surface to receive new finishes PU surface slab slab as per supplier detail (measured separately), cart away debris from site and making good all work disturbed to the satisfactory of the S.O.	M2	1,390		
	<b><u>Removal of existing drain</u></b>				
C	Carefully take out existing perimeter drainage to discharge to receive new drainage, cart away debris from site and making good all work disturbed to the satisfactory of the S.O.	M	170		
	<b><u>Removal of existing court netting</u></b>				
D	Carefully take out existing court netting, cart away debris from site and making good all work disturbed to the satisfactory of the S.O.	L.S			
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b>  <b>REMOVAL/DEMOLITION WORKS (Cont'd)</b>  <u><b>Note:</b></u>  The Contractor shall demolish and dismantle all obstacles including take out all the debris of existing to approved disposal area  <u><b>Removal of existing Aluminium louvers</b></u>  A Carefully take out existing aluminium louvers with all bracket to receive new aluminium louvers as per supplier detail (measure seperately), cart away debris from site and making good all work disturbed to the satisfactory of the S.O.  <u><b>Removal of existing Column Padding</b></u>  B Carefully take out existing column padding to receive new padding as per supplier detail, cart away debris from site and making good all work disturbed to the satisfactory of the S.O.  <u><b>Removal of existing RWDW with Gutter</b></u>  C Carefully take out existing existing rain water down pipe including gutter to receive new with roofing, cart away debris from site and making good all work disturbed to the satisfactory of the S.O.				
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b>				
	<b>NEW WORKS</b>				
	<b><u>APPROVED METAL ROOFING</u></b>				
	Install new metal roofing with 0.53mm thickness TCT IN COLOURBOND XRW AS150 CLIP FIXING TO METAL ROOF TYPE "INNOCOURVE" SYSTEM equipped with a floating cover and packaged with a compact roll, coated with Aluminum Bubble Foil Roof Insulation and accessories related to roof installation works, the contractor is required to submit an installation proposal to obtain approval from the architect. Refer to the drawing : PKRT.a.7.10/38/GS/1-2	M2	1,530		
B	Remove and takeout existing finishes, repair and prepare the surface. Apply one (1) layer primer coating anti rust to column and trusses and two (2) layer of coating to column and trusses and all in accordance to S.O's / Architect's approval.	L.S			
C	<b><u>SYNTHETIC OUTDOOR FLOORING</u></b>				
	<b><u>DAMPROOFING</u></b>				
D	Tosupply and lay 2 layers of Ardex AD WPM300 or approved equivalent on floor slab for damproofing	M2	1,390		
	<b><u>SELF LEVELLING</u></b>				
	Supply and lay epoxy primer P82 to enhance material bonding, Supply and Lay Ardex CL 11self-levelling under layment to smoothen surface	M2	1,390		
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b></p> <p><b>NEW WORKS (Cont'd)</b></p> <p><b><u>SYNTHETIC OUTDOOR FLOORING (Cont'd)</u></b></p> <p><b>PULASSTIC CLASSIC 70 SPORT FLOORING SYSTEM</b></p> <p>To supply and lay total 7mm thickness Pulastic Polyurethane Sport Flooring System which consisting of:</p> <p>a) One layer 5mm polyurethane bonded rubbergranulate mat</p> <p>b) One layer 2-component Polyurethane Sealer</p> <p>c) One layer 2mm total thickness Mercury/Solvent Free 2- Component Polyurethane Self-Levelling layer complies with;</p> <p>d) One layer of wear-resistance coating with mat-finishing,</p> <p><b>Tensile Strength (DIN 53455:5N/mm2)</b></p> <p><b>Hardness (DIN 53505:87-91 Shore A)</b></p> <p><b>Hardness (DIN 53505:82 Shore A)</b></p> <p><b>Tensile Strength (DIN 53455:10N/mm2)</b></p> <p><b>Force Reduction (DIN 18032:23%)</b></p> <p><b>Ballbounce (DIN 18032:99%)</b></p> <p><b>Residual Impression (DIN18032:0.2mm)</b></p> <p><b>Maximum Static Load (25kg/cm2.24 hours)</b></p> <p><b>Elongation at break (top) (DIN 53455:200%)</b></p> <p><b>Colour fastness (DIN54004:8 Excellent):</b></p> <p><b>Abrasion resistance (taber;H18/1,000rev);0.4gr;</b></p> <p><b>Friction (DIN 18032:0.45 dry) and</b></p> <p><b>Gloss (DIN 67530:3-6%)</b></p> <p><b><u>ALUMINIUM EDGING</u></b></p> <p>To supply and lay aluminium door edging</p>	M2	1,390		
		M	148		
	<b>TO COLLECTION</b>				

BQ E/7

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b>				
	<b>NEW WORKS (Cont'd)</b>				
	<b><u>SYNTHETIC OUTDOOR FLOORING (Cont'd)</u></b>				
	<b><u>COURT NET POST SLEEVE KIT (HINGED)</u></b>				
	Apply new Sleeve Kit with hinged end cap for covering the holes. the contractor is required to submit an installation proposal to obtain approval from the architect. as per : PKRT.a.7.10/38/GS/1  Gelanggang Sepak Takraw Gelanggang Bola Tampar Gelanggang Bola Jaring Gelanggang Bola Baling	L.S			
	<b><u>LINE MARKING</u></b>				
	To supply and mark line marking with PU Paint for: <hr/> Gelanggang Sepak Takraw	NO	4		
C	Gelanggang Bola Tampar	NO	2		
D	Gelanggang Bola Jaring	NO	1		
E	Gelanggang Bola Baling	NO	1		
F	<b><u>WEEPHOLE WITH SCUPPER DRAIN</u></b>				
	Apply new scupper drain 100mm widht with Weep hole pipe 50mm diameter for. the contractor is required to submit an installation proposal to obtain approval from the architect.				
	<hr/> Scupper drain	M	147		
G	Weephole	NO	36		
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b>				
	<b>NEW WORKS (Cont'd)</b>				
	<b><u>EXTERNAL WALL</u></b>				
	<b>INDUSTRIALISED BUILDING SYSTEM (IBS) - BRICKWORK</b>				
	600mm x 200mm thick IBSD lightweight Autoclaved Aerated Concrete (AAC) blok as specified; bedded and jointed using an approved thin layer adhesive mortar in accordance with the manufacture's recommendation. the contractor is required to submit an installation proposal to obtain approval from the architect.				
A	Walls	M2	187		
B	<b><u>DAMP-PROOF COURSES</u></b>				
	Bituminous damp proof course as specified; 150mm laps; bedding in cement mortar (1:1): no allowance in measurement for laps				
B	200mm Wide on horizontal surface	M	148		
C	<b><u>EXTERNAL WALL FINISHES</u></b>				
	<b><u>IN-SITU FINISHINGS</u></b>				
	12mm thick skim coating trowelled smooth and levelled all in accordance with the manufacture's instruction including touching up concrete surface				
C	To wall in IBS system	M2	187		
	<b>TO COLLECTION</b>				



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b>  <b>NEW WORKS (Cont'd)</b>  <b><u>PAINTING AND DECORATING</u></b>  One coat of alkaline resisting primer and two finishing 2X UV Protected Colours, Dirt Resistant, 100 % acrylic anti fungal, low Volatile Organic Compound (VOC), anti fade colour, with the approval of the "EKO-LABEL" by SIRIM and 5 years warranty by manufacturers. Colours and MURAL approved by the Architect.				
	On plastered wall	M2	187		
	<b><u>IN-SITU FINISHINGS</u></b>  5mm thick skim coating trowelled smooth and levelled all in accordance with the manufacture's instruction including touching up concrete surface				
	To wall in IBS system	M2	187		
B	<b><u>PAINTING AND DECORATING</u></b>  One coat primer and two finishing arcylic paint low Volatile Organic Compound (VOC), with the approval of the "EKO-LABEL" by SIRIM and 5 years warranty by manufacturers. Colours approved by the Architect.				
	On plastered wall	M2	187		
C	<b><u>PADDING COLUM/TALL POLE PAD</u></b>				
	Supply and install new indoor Column Padding according to the specifications as suggested by the supplier with the architect's approval.	NO	20		
TO COLLECTION					

**BQ E/11**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b>				
	<b><u>RAINWATER PIPE SYSTEM</u></b>				
	Supply and install gutter and circular shaped rainwater vertical duct (uPVC) 100mm diameter complete equipped with all the necessary installation equipment referring to the supplier and the architect's approval PKRT.a.7.10/38/GS/1-2	L.S			
	<b><u>PERIMETER DRAIN</u></b>				
	<b><u>PRECAST CONCRETE PERMETER DRAIN</u></b>				
	Precast concrete perimeter drain; M.S. 2, designed mix grade 25/20 as specified; vibrated reinforced at contractor's discretion; laid to falls with 75mm thick concrete Grade 15 and raised both sides, 100mm thick hardcore; fair finish all faces, rendered on exposed surface with 20mm thick cement and sand (1:3) trowelled finished; bedded jointed and pointed in cement mortar; including all necessary excavation; formwork, junction and ends.				
B	300mm Half Round	M	170		
C	400mm x 600mm x 75mm thick PC cover slab c20/25 concrete with 1 layer BCR A8	M	170		
	<b><u>APRON</u></b>				
	<b><u>IN-SITU FINISHINGS</u></b>				
D	Carefully take out existing apron surface and make good with 20mm thick Cement and sand (1:3) rendering as specified; trowelled smooth with a steel trowel to the satisfactory of the S.O.	M2	240		
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b>				
	<b><u>UPGRADE EXISTING PUBLIC TOILET</u></b>				
A	Carefully take out existing ceiling, Roof, slab and door to receive new finishes cart away debris from site and making good all work disturbed to the satisfactory of the S.O. Architect Drawing : PKRT.a.7.10/38/T/1-2 Structure Drawing : JKR/CKAS/P-NA/STR/30/PEL 14/01-05 Structure Drawing : PKRT8-.600-3/1/8/4/TANDAS/1-6	M2	37		
	<b><u>WATER RETICULATION FOR TOILET</u></b>				
	<b><u>Excavation</u></b>				
	Excavation service trenches starting from reduced level to falls: garden bottoms, earth work support; backfilled with material arising from excavation; remainder spread and				
B	To receive 50mm diameter pipe: not exceeding 2.00m depth for tapping point	M	10		
	<b><u>PVC PN12.5 PIPE</u></b>				
	Pvc Pn12.5 pipe including all necessary short length, socket, connection, backnuts, elbow, bend, tees, plugs, reduces				
C	50mm diameter pipe laid in trench	M	10		
	<b><u>TAPPING SEWER LINE FROM EXISTING</u></b>				
D	Allow for piping works from the last manhole to the existing sewer line including all necessary excavation, base, piping, additional manhole and other works deemed necessary all to the satisfaction of Authorities and S.O.	M	20		
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b>				
	<b><u>PROVIDING SPECTATOR SEATS</u></b>				
A	Supply of portable audience seats measuring 7.6m x 1.35m x 0.45/0.9m high grade A hardwood seats with architect's approval as per drawing PKRT.a.7.10/38/GS/1	NO	8		
	<b><u>SUPPLYING NET BALL POLE ETC</u></b>				
	Supply and install net ball pole and etc post complete with netting as per drawing PKRT.a.7.10/38/GS/1				
B	Supply and install Aluminium Takraw Post complete with net	NO	4		
C	Supply and install Aluminium Volleyball Post complete with net	NO	2		
D	Supply and install Aluminium Netball Post complete with net	NO	1		
E	Supply and install Aluminium Handball Post complete with net	NO	1		
F	Supply and install Aluminium Goal post Futsal complete with net	NO	2		
	<b>The Contractor shall be required to submit catalog/sample for architect's verification before commencement of work on site.</b>				
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
A	<b>ELEMENT E - GELANGGANG SERBAGUNA (All Quantities Are Provisional) (Cont'd)</b>  <b><u>FIRE EXTINGUSIHER</u></b>  <b><u>PORTABLE FIRE EXTINGUISHER</u></b>  Supply and install 9kg ABC Dry Powder extinguisher including bracket/hook and bomba fee as per specification	NO	4		
	<b><u>AWNING</u></b>  Construction of 'awning' 1500mm 'I beam' truss structure with epoxy powder coated paint finish and roof installation same as the main roof complete with 'flashing' as recommended by the supplier, please consult the architect for design and approval and the engineer for details	M	222		
	<b>TO COLLECTION</b>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT E - GELANGGANG SERBAGUNA (<i>All Quantities Are Provisional</i>) (Cont'd)</b>  <b>COLLECTION</b>  From Page No. BQ E/4  From Page No. BQ E/5  From Page No. BQ E/6  From Page No. BQ E/7  From Page No. BQ E/8  From Page No. BQ E/9  From Page No. BQ E/10  From Page No. BQ E/11  From Page No. BQ E/12  From Page No. BQ E/13  From Page No. BQ E/14  From Page No. BQ E/15				
<b>TOTAL ELEMENT E - GELANGGANG SERBAGUNA (<i>All Quantities Are Provisional</i>) - CARRIED TO SUMMARY :</b>					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT F - EXTERNAL WORKS (All Quantities Are Provisional)</b></p> <p><u>NOTES:</u></p> <p>The scope of works described herewith are provided for GUIDANCE ONLY.</p> <p>This Bills is to read in conjunction with the Specification, Preliminaries and Drawings.</p> <p>The Contract shall satisfy himself on the actual extent of the Contract Works.</p> <p>The Contractor shall examine the drawings, visit the site, inspect the existing premises and satisfy himself as to the nature and extent of the works and also the working conditions to be encountered. No claims for extra payment in this respect will be entertained.</p> <p>The Contractor shall ascertain for himself the actual quantities required including the wastages and etc.</p> <p>The Contractor shall allow for protection and supports of all works which maybe be affected by the demolition works.</p> <p>The Contractor shall be required to repair or replace at his own expenses any parts or complete items which in the opinion of the Architect/ Engineer/ Interior Designer have been damaged as a result of insufficient care of removing, handling and protecting.</p>				

BQ F/1



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT F - EXTERNAL WORKS (All Quantities Are Provisional) (Cont'd)</b></p> <p><u>NOTES:</u></p> <p>All prices for renovation works shall be inclusive of making good surrounding and any works disturbed and carefully removing and carting away all debris off site.</p> <p>All works shall be strictly in compliance to Specifications provided and/or product manufacturers instruction (hereinafter referred as specified) and to the approval of the S.O. (hereinafter referred as the S.O.)</p> <p>All dimensions, area &amp; length to be checked and adjusted on site by contractor. Any discrepancy shall be reported to S.O.</p>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT F - EXTERNAL WORKS (All Quantities Are Provisional) (Cont'd)</b></p> <p><u>NOTES:</u></p> <p>The Contractor shall be required to prepare surface before start work to floor, wall, ceiling and other finishes.</p> <p>The Contractor shall be required to submit shop drawing for architect's verification before commencement of work on site</p> <p>Repair and replacement works shall be carried out by the contractor in the event of any damage to the floor, walls, ceiling, apron and existing drains on site during the construction work.</p> <p>The ceiling structure shall be suspended up to the level of the soffit slab.</p> <p>The Contractor shall clean the works of the entire area of the Astaka including existing drains.</p> <p>The Contractor shall be required to submit method statement for all material approval and mock-up subject to the approval of the S.O. before commencement of work on site.</p>				

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT F - EXTERNAL WORKS (All Quantities Are Provisional) (Cont'd)</b>  <b><u>SEWERAGE TREATMENT PLANT</u></b>  <b><u>CCTV SEWER LINE INSPECTION</u></b>				
A	Allow ffor testing and commissioning of Sewerage Treatment Plant system and all sewer line and manhole i.e. CCTV test, visual inspection and others as specifield to the satisfactionof certifying agency and/ or Authorities and S.O	M	1,300		
B	<b><u>MAINTANANCE SEWER LINE</u></b>  Allow maintanance of the part of damaged sewerage treatment system, sewer line and manhole including replacement, servicing other service required i.e. maintanance manual and satisfaction of Authoritties and S.O  <b><u>MAINTANANCE IC CHAMBER AND MANHOLE</u></b>	M	200		
C	Allow maintanance of the work of washing any dirt filled with garbage in the ic chamber and manhole, the waste must be disposed of in the proper place, and satisfaction of Authoritties and S.O	L.S			
	<b>TO COLLECTION</b>				

**BQ F/4**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT F - EXTERNAL WORKS (All Quantities Are Provisional) (Cont'd)</b>  <b><u>MENAIK TARAF RUMAH SLUDGE DAN RUMAH PAM SEWERAGE TREATMENT PLANT (STP)</u></b>  <u>Removal of existing Roof</u>  A Carefully take out existing transparent roof sludge including frame, cart away debris from site and making good all work disturbed to the satisfactory of the S.O. to receive new works  <u>Removal of Existing Main Gate</u>  B Remove existing main gate overall size 4200mm x 1630mm high and make good all disturbed work, to receive new works, and carting away debris to contractor own dump (measure separately)  <b><u>NEW WORKS</u></b>  <u>POLYCARBONATE TRANSPARENT ROOF</u>  C Approve polycarbonate transparent roof complete with all accessories fixing and lapping all as per manufacture's instruction  <u>WELDFENCE DOOR GATE</u>  2600mm high galvanised weldfence' (anti climb) fencing system, comprising of approved 2400mm high galvanised weldfence mesh fence with accessories fixed to 100mm diameter galvanised steel post at 2400mm center complete and including all necessary excavation and in accordance to manufacture specification and approve by S.O.  <hr/> D Swing gate overall size 4200mm x 2600MM	M2	65		
		NO	1		
		M2	65		
		NO	1		
	<b>TO COLLECTION</b>				

BQ F/5

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT F - EXTERNAL WORKS (All Quantities Are Provisional) (Cont'd)</b>				
	<b><u>MENAIK TARAF RUMAH SLUDGE DAN RUMAH PAM SEWERAGE TREATMENT PLANT (STP)</u></b>				
	<b><u>NEW WORKS (Cont'd)</u></b>				
	<b><u>CLEANING SLUDGE HOUSE &amp; PUMP HOUSE</u></b>				
A	To clean all debris from sludge house and pump house and make good all disturbed work, and carting away debris to contractor own dump.	L.S			
	<b><u>GRASS CUTTING</u></b>				
B	Grass cutting all Sewerage Treatment Plant area and carting away debris to contractor own dump.	L.S			
	<b><u>INTERNAL WALL FINISH PUMP HOUSE</u></b>				
	Prepare the surface and apply one coat approved undercoat and two coat approved green label paint, colour and pattern all in accordance to S.O's / Architect's approval as described for internal wall				
C	To plastered wall column and beam	M2	50		
	<b><u>EXTERNAL WALL FINISHES PUMP HOUSE</u></b>				
	Prepare the surface and apply one coat approved undercoat and two coat approved green label paints colour and pattern all in accordance to S.O's / Architect's approval as described for external wall				
D	To plastered wall and column	M2	50		
	<b>TO COLLECTION</b>				

**BQ F/7**

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT F - EXTERNAL WORKS (All Quantities Are Provisional) (Cont'd)</b>  <b><u>COLLECTION</u></b>  From Page No. BQ F/4  From Page No. BQ F/5  From Page No. BQ F/6  From Page No. BQ F/7				
<b>TOTAL ELEMENT F - EXTERNAL WORKS (All Quantities Are Provisional) - CARRIED TO SUMMARY :</b>					

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<b>ELEMENT G - PROVISIONAL SUM</b>  Note:  All Provisional Sum are to be expended as directed by the S.O. or deducted wholly or in part if not required.  <b><u>EXTERNAL AND INTERNAL SIGNAGES</u></b>				
A	Provide the Provisional Sum of <b>Ringgit Malaysia : Fivety Thousand Only (RM 50,000.00)</b> for <b>Externl And Internal Signages</b>	SUM			50,000.00
B	Profit ..... %	%			
C	Attendance	L.S			
<b>TOTAL ELEMENT G - PROVISIONAL SUM CARRIED TO SUMMARY :</b>					



ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT (RM)
	<p><b>ELEMENT H - PRIME COST SUM</b></p> <p>Note:</p> <p>All Prime Cost Sum are to be expended as directed by the S.O. or deducted wholly or in part if not required.</p> <p><b><u>MECHANICAL WORKS</u></b></p>				
A	Provide the Prime Cost Sum of <b>Ringgit Malaysia Eight Hundred Thousand Only (RM800,000.00)</b> for <b>Mechanical Works</b>	SUM			800,000.00
B	Profit ..... %	%			
C	Attendance	L.S			
	<p><b><u>ELECTRICAL WORKS</u></b></p>				
D	Provide the Prime Cost Sum of <b>Ringgit Malaysia Nine Hundred Eighty Three Thousand Only (RM983,000.00)</b> for <b>Electrical Works</b>	SUM			983,000.00
E	Profit ..... %	%			
F	Attendance	L.S			
TOTAL ELEMENT H - PRIME COST SUM CARRIED TO SUMMARY :					

**BQ H/1**