

JABATAN KERJA RAYA MALAYSIA

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI
SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN
WISMA PERSEKUTUAN NEGERI SEMBILAN**

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: **RM 25,000.00**
- D. No. Siri Tender: **JKR/DT/P/010/2024**
- E. Tarikh Cipta Senarai Kuantiti: **23-10-24**

Senarai kuantiti ini dikeluarkan oleh JABATAN KERJA RAYA NEGERI SEMBILAN. Sebarang pertanyaan boleh berhubung dengan pegawai yang menyediakan tender dan maklumat pegawai untuk dihubungi boleh didapati di laman iklan.

JABATAN KERJA RAYA MALAYSIA

MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI SEMBILAN

SENARAI KUANTITI

No. Tender: JKR/DT/P/010/2024

RINGKASAN TENDER

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN
DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN
NEGERI SEMBILAN**

ITEM	DESCRIPTION	PAGE NO.	AMOUNT(RM)
A	KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM	A - 18/26	25,000.00
B	PENYEDIAAN TAPAK KERJA-KERJA BANGUNAN	B - 1/1	
C	PEJABAT TENAGA KERJA (i) ARAS 3	C - 3/3	
D	JABATAN TENAGA KERJA (i) ARAS 3 (ii) ARAS 11	D(i) - 4/4 D(ii) - 6/6	
E	WANG PERUNTUKAN SEMENTARA	E - 1/1	
F	KERJA-KERJA ELEKTRIKAL (SECARA PAKEJ)	SUMMARY OF PRICES	
G	KERJA-KERJA MEKANIKAL (SECARA PAKEJ)	SUMMARY OF PRICES	
Jumlah di bawa ke Borang Tender			25,000.00

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description
A	GENERAL INFORMATION TO BILL OF QUANTITIES
1.0	GENERAL
1.1	The Works contained in the Contract shall include the provision of all labour, materials, constructional plant, temporary or permanent works as required in the Contract.
1.2	The Bill of Quantities shall be read in conjunction with the Conditions of Contract, the Specification and the Drawings in the Contract Documents.
1.3	The items as set out in the Bill of Quantities shall apply to the whole therewith. of the Works contained in the Contract and the Contractor shall allow for compliance with the same and for any cost incurred in connection
1.4	Headings are not comprehensive and do not necessarily reflect or modify the meaning of the items in the B.Q. The exact nature and extent of the work to be carried out shall be ascertained by reference to the Contract as a whole, in particular the Conditions of Contract, the Specification and the Drawings. It shall be read together with the relevant "Method of Payment".
1.5	The amounts inserted by the Contractor for such items shall be deemed to apply to the whole of the Works carried out under this Contract.
1.6	Each item shall be individually priced. Bulk pricing for sections, trades, groups or pages of items shall not be allowed and no subsequent claims for loss or expense and/or profit shall be entertained for failure to comply with this clause.
1.7	The rates and prices inserted in the Bill of Quantities shall include cost of the works described, all risk, liabilities and obligations set forth or implied in the Contract Document and shall be deemed to include the following, unless expressly stated otherwise: a. the provision of labour and all cost in connection therewith; b. the supply of materials, goods, equipment and storage thereof including delivery to site and all costs in connection therewith; c. taking delivery of materials, goods and equipment necessary for the Works and including those supplied by others, loading and unloading, storage and all cost in connection therewith;

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description
	d. the usage of plants and machineries and all costs in connection therewith; 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; f. the provision of all temporary works and all costs in connection therewith unless separately provided for in the Bill of Quantities; g. the phasing requirement 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; h. all cost of testing to show proof of compliance with the Specification on materials and workmanship inclusive of samples of materials and submission of tests results. Should the frequency of testing and sampling not specified, then it shall be in accordance with the relevant Malaysian/ British Standards and Codes of Practice. Where there is no such relevant Standard Codes of Practice for reference, it shall then be as instructed by the S.O.; i. all royalties and dues which the Contractor may be required to pay; j. wastage; k. establishment charges, overheads and profit; l. whatsoever method of construction the Contractor may adopt.
1.8	Where any priced item in the B.Q. but has not been executed on site by the Contractor, the cost of such priced item shall accordingly be deducted from the Contract Sum.
1.9	All items priced shall be deemed to include compliance with the provisions of the contract, statutes, regulation, by-laws or any order or directive issued by public authority or public service company and other related legislation currently in force.

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description
2.0	MEASUREMENT
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	UNPRICED ITEMS
3.1	Where any items is left unpriced, it shall be deemed that the cost of such item has been allowed for elsewhere within this document. No subsequent claims arising out of expense and / or loss incurred against such unpriced item shall be entertained.
4.0	GENERAL ATTENDANCE FOR NOMINATED SUB-CONTRACTORS AND NOMINATED SUPPLIERS
4.1	Attendance and facilities for Nominated Sub-contractors and nominated suppliers shall include: a. in the case works or services executed : for allowing the use of existing working space, access, temporary roads, erected scaffolding, sanitary, welfare and other facilities existing on Site and the provision of protection, water, electricity for lighting and clearing away rubbish and debris arising from the work; b. in the case of goods, materials or services supplied : for taking delivery, unloading, storing, protection and returning crates, cartons and packing materials, c. all as specified in the specification

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description
5.0	GENERAL ATTENDANCE FOR NOMINATED SUB-CONTRACTORS AND NOMINATED SUPPLIERS 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	TRIALS, SAMPLES, TESTS AND INSPECTION The rates and prices shall include for a testing laboratory or laboratory approved by SIRIM, or accredited by Department of Standard Malaysia (JSM), equipment and staff for carrying out the tests, tests and the effects on the progress of the Works for the carrying out of all trials, sampling and tests whether specified in the Contract Document or otherwise in order to ensure compliance with the requirements of the Specification except where separately itemised in the Bill of Quantities.
7.0	EXISTING SERVICES AND MAINS
7.1	The Contractor shall include in his rates and prices for taking measures to locate the actual position and provide support and full protection of existing services and mains and other equipment and machineries during the progress of the Works. The Contractor shall inform the S.O. of all arrangements with all Statutory and Public Utility Authorities.
8.0	WORK UNDER WATER The rates shall include any costs arising from and in connection with the execution of work under water wherever required unless otherwise stated.
9.0	PHRASEOLOGY
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.

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description																																
10.0	PROVISIONAL SUMS																																
10.1	All provisional sums included in the Bill 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	CURRENCY OF PAYMENT																																
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	TEMPORARY DIVERSIONS																																
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	ABBREVIATIONS																																
13.1	The following abbreviations or symbols are generally used in the Contract Document and shall be read as follows: <table><tr><td>a.</td><td>mm</td><td>:</td><td>millimetre</td></tr><tr><td>b.</td><td>m</td><td>:</td><td>metre</td></tr><tr><td>c.</td><td>m2</td><td>:</td><td>square metre</td></tr><tr><td>d.</td><td>m3</td><td>:</td><td>cubic metre</td></tr><tr><td>e.</td><td>kg</td><td>:</td><td>kilogramme</td></tr><tr><td>f.</td><td>tonne</td><td>:</td><td>metric ton</td></tr><tr><td>g.</td><td>No.</td><td>:</td><td>Number</td></tr><tr><td>h.</td><td>L.S.</td><td>:</td><td>Lump Sum</td></tr></table>	a.	mm	:	millimetre	b.	m	:	metre	c.	m2	:	square metre	d.	m3	:	cubic metre	e.	kg	:	kilogramme	f.	tonne	:	metric ton	g.	No.	:	Number	h.	L.S.	:	Lump Sum
a.	mm	:	millimetre																														
b.	m	:	metre																														
c.	m2	:	square metre																														
d.	m3	:	cubic metre																														
e.	kg	:	kilogramme																														
f.	tonne	:	metric ton																														
g.	No.	:	Number																														
h.	L.S.	:	Lump Sum																														

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description
	i. P.C. Sum : Prime Cost Sum j. P.S. : Provisional Sum k. RM : Ringgit Malaysia
14.0	SCOPE OF WORKS
14.1	The works included under this Contract comprises: - A - KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM - B - PENYEDIAAN TAPAK - KERJA-KERJA BANGUNAN - C PEJABAT TENAGA KERJA - (i) ARAS 3 - D - JABATAN TENAGA KERJA - (ii) ARAS 3 - (iii) ARAS 11 - E - WANG PERUNTUKAN SEMENTARA - F - KERJA-KERJA ELEKTRIK (SECARA PAKEJ) - G - KERJA-KERJA MEKANIKAL (SECARA PAKEJ)
15.0	LOCATION OF SITE The site for the proposed Works is located at WISMA PERSEKUTUAN, JALAN DATO' ABDUL KADIR, SEREMBAN, 70000 SEREMBAN, NEGERI SEMBILAN as shown on Drawing No. - this space intentionally left blank -

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
	Project Signboard	
A	The Contractor shall provide, erect, paint and maintain a project signboard as directed by the S.O.. The signboard shall be erected at prominent position at the Site as approved by the S.O.	
	Site Survey And Setting Out	
B	The Contractor shall employ a licensed surveyor to carry out site surveys before commencement and setting out of the Works.	
C	For the purposed 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 Contract and submitted to the S.O for approval	
	Temporary Diversion And Relocation Of Existing Overhead And Underground Services	
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 damages as specified.	
	Construction Plan	
E	The Contractor shall submit to the S.O. for his approval the following as specified: a) Programme of Works	
CARRIED FORWARD (RM)		

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
	<i>brought forward</i> Construction Plan (cont'd) 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. Contractor's Plan A The Contractor shall provide, erect, keep insured, maintain and remove on completion all requisite scaffolding, hoist, crane, construction plant, ladder, staging, tarpaulins, tools, vehicle, tackles and other plants and apparatus (excluding piling and pile testing equipment), as necessary for the execution of the Works as specified. Temporary Water And Power Supplies For The Works B The Contractor shall provide adequate power and water supplies for the execution of the works including paying all associated costs and fees as specified.	
CARRIED FORWARD (RM)		

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
	<i>brought forward</i>	
	Site Security	
A	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.	
	Temporary Access And Maintenance Of Existing Roads	
B	The Contractor shall provide and maintain all necessary temporary roads, culverts, tracks, bridges, et cetera for access to and within the Site as specified.	
C	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.	
D	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.	
	Control Of Workmen, Plant And Machinery At Site	
E	The Contractor shall ensure the safety, healthy and welfare at work of all his workmen as specified.	
	Contractor's Temporary Accommodation And Facilities For Workmen Living On Site	
F	The Contractor shall provide and maintain all temporary accommodation including all necessary facilities and services for water supply, drainage, sanitation and lighting for his staff as specified.	
CARRIED FORWARD (RM)		

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
	<i>brought forward</i>	
	Contractor's Office And Storage	
A	The Contractor shall provide and maintain Contractor's office and storage on the Site in positions as approved by the S.O. and as specified.	
	Care And Protection Of Materials And Works	
B	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 cause shall be made good at the Contracto'r own cost to the approval of the S.O.	
	Shop Drawings, Samples And Mock-ups	
C	The Contractor shall submit relevant shop drawings, samples of materials or workmanship and mock-ups units manufactutrer's specifications, et cetera for the S.O.'s approval as specified	
	Progress Photographs	
D	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.	
	Material Testing Laboratory And Staff	
E	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).	
CARRIED FORWARD (RM)		

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
	<i>brought forward</i>	
	Office Accommodation For S.O.	
A	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.	
	Telephone For S.O.	
B	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.	
	Survey Instruments And Personnel	
C	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.	
	Site Items For S.O./Office Equipment And Facilities	
D	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.	
E	The Contractor shall provide suitable types of fire extinguishers as specified.	
F	The Contractor shall provide the equipment and facilities as listed as specified in APPENDIX A/2 for the use of the S.O., his representatives and staff throughout the Contract Period.	
G	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.	
CARRIED FORWARD (RM)		

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
	<i>brought forward</i>	
	Safe Working Area	
A	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.	
B	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 vicinity of the Site, all as specified.	
	Safety, Health And Welfare	
C	The Contractor shall ensure the safety, health and welfare at work site as specified including but not limited to: a) Provison of First Aid Kit b) Pest control including keeping the site clean and dry to prevent breeding of mosquitoes, rodents, insects and vermin of any kind. c) Fogging at regular intervals	
D	The Contractor shall employ a Site 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). * Delete if not applicable	
CARRIED FORWARD (RM)		

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)						
	<i>brought forward</i>							
A	The Contractor shall employ a Site Safety Supervisor (SSS) registered with DOSH to be stationed a minimum of 15 hours a week at the site for the entire duration of the construction period.							
B	The Contractor shall submit 5 copies of Safety and Health Plan (S-Plan) as required in APPENDIX A/5 as specified.							
C	The Contractor shall submit 5 copies of monthly Safety and Health Report as required in APPENDIX A/6 as specified.							
D	The Contractor shall provide and maintain adequate traffic safety and control including signages, warning lights and flagmen as necessary.							
	Keeping The Site Tidy							
E	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.							
	Coordination Of Mechanical And Electrical (M&E) Services							
F	The Contractor shall be responsible for coordinating the implementation of all M&E works as specified and appoint M&E Services Coordinator based on project cost as follows:							
	<table><tr><td>Project Cost (RM)</td><td>Minimum Requirement Of M & E Coordinator</td></tr><tr><td>between 10 to 50 million</td><td>1 Engineer & 1 CoW</td></tr><tr><td>more than 50 million</td><td>1 Engineer & 2 CoW</td></tr></table>	Project Cost (RM)	Minimum Requirement Of M & E Coordinator	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							
between 10 to 50 million	1 Engineer & 1 CoW							
more than 50 million	1 Engineer & 2 CoW							
CARRIED FORWARD (RM)								

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
A	<i>brought forward</i> As-built Drawings Pursuant to the terms of the Contract, the Contractor shall provide approved As-Built drawings as follows: 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 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. iii. Four (4) sets of Digital Copies in Acrobat (.pdf) or any other compaible format to be stored in compact discs or removable storage. The As-Built documentation and drawings supplied shall be submitted by the Contractor to the satisfaction of the S.O as to allow for a complete understanding of the Works as they were actually built. Clearing, Cleaning And Making Good On Completion	
B	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.	
	CARRIED FORWARD (RM)	

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
	<i>brought forward</i>	
	Official Visit to Overseas	
A	a) To provide and manage official visit programmer 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 / or conduct Pre-Delivery Inspection, factory Evaluation Test, Project Monitoring Report, Executive Reporting Meeting, Final Acceptance Test, Tranfer of Tittle 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 throught the programme as follows; i. Meal Allowance; ii. Transportation Cost; iii. Accommodation Cost; and iv. Other allowance claimable by the Government's Official / Personnel as per PP/WP 1.4	
B	b) The list and ranks of the Government's Official / Personnel for the official visit programme are as folows: i. Jawatan Utama Sektor Awam (JUSA) (.....no.)*; ii. J54 (.....no.)*; iii. J52 (.....no.)*; iv. J48 (.....no.)*; v. J41 (.....no.)*; vi.*, and vii.*,	
C	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)	
CARRIED FORWARD (RM)		

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
	<i>brought forward</i>	
	Official Visit to Overseas* (cont'd)	
A	e) The duration for 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.	
	*Delete if not applicable	
	** Insert number of days	
	Form Of Contract	
E	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.	
CARRIED FORWARD (RM)		

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
	<i>brought forward</i> <u>Clause No. 13 - Performance Bond / Performance Guarantee Sum</u> Performance Bond A For due observance and performance of this contract the Contractor shall have to provide: 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. ii. The Performance Bond shall remain valid and effective for the duration as specified in the Contract. <u>Clause No. 15</u> B Insurance Against Personal Injuries And Damage To Property. <u>Clause No. 16</u> C Indemnities to Government in Respect of Claim by Workmen. <u>Clause No. 17</u> D Employee's Social Security Act, 1969. <u>Clause No. 18</u> E Insurance of Works. <u>Clause No. 22</u> F Design, 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.	
CARRIED FORWARD (RM)		

A : KEHENDAK PERMULAAN DAN SYARAT-SYARAT AM

Item	Description	Amount (RM)
	<i>brought forward</i> Form Of Contract (Cont'd) <u>Clause No. 35 - Materials, Goods and Workmanship</u> A Opening up of work for inspection or testing of materials or goods. <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. - this space intetionally left blank -	
TOTAL AMOUNT (RM)		

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

No.	Items	Cost of Projects			
		< RM 5 Mil	RM 5 Mil - RM 20 Mil	> RM 20 mil. – RM50 mil.	> RM 50 mil.
1	Safety Boots	5 pairs	10 pairs	15 pairs	20 pairs
2	Safety Helmets	5 pcs	10 pcs	15 pcs	20 pcs
3	Full Body Harness (for working at height) If required	If required	If required	If required	If required
4	Protective gloves	If required	If required	If required	If required
5	Safety Goggles	If required	If required	If required	If required
6	Safety Jackets of reflective type	If required	If required	If required	If required
7	Ear plugs and muffs	If required	If required	If required	If required
8	Dust masks	If required	If required	If required	If required
9	Head lamp	If required	If required	If required	If required
10	 (insert other item if required)	If required	If required	If required	If required

* The Contractor shall provide necessary space/ furniture for storage

LIST OF S.O.'S FACILITIES AND EQUIPMENT

- NOT APPLICABLE -

Notes:

All software to be supplied under this Contract shall be original and legal copies. The software shall be registered under the name of the Contractor. The Contractor shall submit all documentation evidence of the originality and legality of the software. The Contractor shall pay for all related license renewal fees and charges, warranty, maintaining functionality of operations for all software provided throughout the contract period.

LIST OF S.O.'S TRANSPORT SERVICES

-

LIST OF LABORATORY EQUIPMENT

-

REQUIREMENTS OF SAFETY AND HEALTH PLAN (S-PLAN)

1. Project Introduction
2. Management Responsibility.
3. OSH Programme.
4. Hazard Identification, Risk Assessment and Determining Control (HIRADC).
5. Safety and Health Control Form
6. Permit to Works (PTW)
7. Fire Precaution and Protection and Emergency Respond
8. Safety Operation Procedure.
9. Investigation and Incident Report
10. Occupational Safety and Health Statistic 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 Kesihatan dan Kesihatan Pekerja 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.

REQUIREMENTS OF SAFETY AND HEALTH REPORT

1. Introductions.
2. OSH Programme.
3. OSH Statistic and Record.
4. OSH Complaints and Notices.
5. Status of S-Plan.
6. Status of HIRADC
7. Employee and Worker's Registrations.
8. Registration of Machineries, equipment and Plants.
9. Traffic and safety controls.
10. Occupational Safety and Health Committee.

Whenever there is any dispute arise, item listed as per Prosedur Kawalan Kesihatan dan Kesihatan Pekerja 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 EMS Set Target	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	Turbidity	≤ 200 NTU	-	-	≤ 50 NTU	
	Suspended Solid	≤ 100 mg/l	≤ 50 mg/l	≤ 100 mg/l	≤ 50 mg/l	
	Biochemical Oxygen Demand	≤ 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	09-Jun	
	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	
Slip trap and sediment basin discharge	Turbidy	≤ 250 NTU				
	Total Suspended solid	≤ 50 mg/l				

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

Air	Total Suspended Particulate (TSP) (24hr)	≤260 µg/m
	Particulate Matter (PM10) (24hr)	≤150 µg/m
Noise	Equivalent Noise Level (L)	Receiving Land Use (residential)
		Day time (7.00 am – 7.00 pm)
		L
		Evening (7.00 pm – 10.00 pm)
		L
		Night time (10.00 pm – 7.00 am)
Vibration	Vertical Vibration Peak Velocity (mm/s)	Noise Sensitive Areas : L
		Suburban Areas : L
		Urban Areas : L
		Not more than 3 mm/s at receiver location or across real property boundary.

Reference:

- 1) 2nd Schedule (Regulation 7), Environmental Quality (Sewage) Regulations 2009, Environmental Quality Act 1974
 - (i) 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 & Schedule 6, Planning Guidelines for Environmental Noise Limits & Control, (DOE, 2004)
- 5) Planning Guidelines for Vibration Limits and Control of the Environment (DOE, 2004)

Note: N - No visible floatable materials or debris or no objectionable odour, or no objectionable taste

For EIA Projects, all requirement should comply with Conditions of Approval (CoA) stipulated by DOE or other relevant authorities.

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN
DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN
NEGERI SEMBILAN**

B : PENYEDIAAN TAPAK

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>PENYEDIAAN TAPAK</u> Kerja-kerja penyediaan tapak seperti Lukisan Akitek No. : PJKRNS(A)13/05/2020-01, PJKRNS(A)1/12/2020 - 02 & PJKRNS(A)1/12/2020-03 Spesifikasi dan arahan Pegawai Penguasa termasuk pembersihan tapak dalam sempadan serta membuang keluar sampah sarap dari tapak bina ke tempat yang diluluskan oleh Pegawai Penguasa. <u>Pejabat Tenaga Kerja</u> A. ARAS 3 <u>Jabatan Tenaga Kerja</u> B ARAS 3 C ARAS 11	PUKAL			

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
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SEMBILAN**

C : KERJA-KERJA BANGUNAN - PTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN</u> Nota: Semua kerja-kerja diukur sebagai Kuantiti Sementara. Kerja-kerja ini yang telah disiapkan di tapak akan diukur semula mengikut ukuran sebenar di tapak. Jumlah sebenar akan diselaraskan semula kepada Harga Kontrak Asal. <u>Kerja-kerja Bangunan hendaklah sentiasa merujuk Lukisan Arkitek no.: PJKRNS(A)1/12/2020-03 Spesifikasi Piawai dan arahan serta kelulusan Pegawai Penguasa.</u> <u>PELAN LANTAI ARAS 3 (PTK SEREMBAN)</u> <u>DINDING</u> A Membekal dan memasang 75mm tebal 'Seamless Wall Partition System' (Gypsum Board) lengkap dengan cat jenis 'Washable' pada permukaan luar dan dalam aksesori beserta 50mm penebat dari jenis 'P.U Foam (panel)' sehingga aras siling merujuk kepada butiran pengeluar dan kelulusan Arkitek. (D2) <u>LANTAI</u> B Membekal dan memasang '500mm x 500mm Carpet Tiles, jenis 100% nylon 28oz nylon lengkap bersama 'rubber underlay' dan 100mm tinggi 'skirting' jenis kayu keras disekeliling atau setara lengkap dengan aksesori lain merujuk kepada butiran pembekal dan kelulusan Arkitek. C Membekal dan memasang Permaidani - kelas 'A', '80% wool 20% nylon c/w natural rubber underlay' dan 100mm tinggi 'skirting' jenis kayu keras disekeliling merujuk kepada butiran pembekal dan kelulusan Arkitek. (L3) <u>PINTU</u> <u>Membekal dan memasang pintu termasuk daun, kerangka, aksesori serta kemasan mengikut lukisan dan spesifikasi seperti berikut:-</u> D 2100mm(T) x 900mm(P) 'Plywood Flush Door' (1 bukaan) di cat jenis 'Wood Grain' berbingkai aluminium 'Powder Coated' lengkap dengan aksesori merujuk kepada butiran pengeluar dan kelulusan Arkitek. (P2)	M2	60		
		M2	40		
		M2	37		
		NO	10		
	JUMLAH DIBAWA KE PENGUMPULAN				

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
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SEMBILAN**

C : KERJA-KERJA BANGUNAN - PTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN (samb.)</u>				
	<u>BINAAN TINGKAP</u>				
	<u>Membekal dan memasang pintu termasuk daun, kerangka, aksesori serta kemasan mengikut lukisan dan spesifikasi seperti berikut:-</u>				
A	1200mm(L) x 1200mm(T) Tingkap kaca baru 6mm tebal 'clear' 'vertical blind' lengkap dengan aksesori pemasangan merujuk kepada butiran pembekal dan kelulusan arkitek.	NO	9		
	<u>SILING SEDIA ADA</u>				
B	Kerja-kerja membaik pulih siling sedia ada serta kerja berkaitan seperti mana arahan Pegawai Penguasa, rujuk pada butiran pembekal dan kelulusan Arkitek.	M2	30		
	<u>PERABOT DALAMAN</u>				
	<u>Membekal dan memasang perabot dalaman mengikut lukisan dan spesifikasi seperti berikut:-</u>				
C	4750mm(P) x 450mm(L) 'Postform Chipboard' dengan kemasan HPL 'built-in furniture' setinggi aras siling 2400mm(T) merujuk kepada butiran pembekal dan kelulusan arkitek. (B6) (KABINET PAMERAN 2)	NO	1		
D	1800mm(P) x 1500mm(L) x 1200mm(T) 'MDF Board' dengan kemasan HPL jenis 'L' shape (cubical workstation) bersama meja setinggi 750mm beserta 'partition' setinggi 1200mm merujuk kepada butiran pembekal dan kelulusan arkitek. (B15) (KUBIKAL RUANG KERJA)	NO	19		
E	2670mm(P) x 1950mm(L) x 1200mm(T) 'MDF Board' dengan kemasan HPL jenis 'L' shape (cubical workstation) bersama meja setinggi 750mm beserta 'partition' setinggi 1200mm merujuk kepada butiran pembekal dan kelulusan arkitek. (B17) (KUBIKAL RUANG KERJA)	NO	2		
F	1725mm(P) x 600mm(L) x 1500mm(T) 'Postform Chipboard' dengan kemasan HPL 'build-in furniture (distribution board) dipasang 1200mm daripada aras lantai merujuk kepada butiran pembekal (shop drawing) dan kelulusan arkitek. (B18) (KABINET DB)	NO	3		
	JUMLAH DIBAWA KE PENGUMPULAN				

MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
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SEMBILAN

C : KERJA-KERJA BANGUNAN - PTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN (samb.)</u> <u>PENGUMPULAN</u> Jumlah dari muka surat C - 1/3 Jumlah dari muka surat C - 2/3				
	JUMLAH DIBAWA KE RINGKASAN TENDER				

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI
SEMBILAN**

D : KERJA-KERJA BANGUNAN - JTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN</u> Nota: Semua kerja-kerja diukur sebagai Kuantiti Sementara. Kerja-kerja ini yang telah disiapkan di tapak akan diukur semula mengikut ukuran sebenar di tapak. Jumlah sebenar akan diselaraskan semula kepada Harga Kontrak Asal. <u>Kerja-kerja Perkhidmatan Dalaman hendaklah sentiasa merujuk Lukisan Arkitek no.: PJKRNS(A)1/12/2020 - 02 Spesifikasi Piawai dan arahan serta kelulusan Pegawai Penguasa.</u> <u>PELAN LANTAI ARAS 11</u> <u>DINDING</u> A Membekal dan memasang 75mm tebal 'Seamless Wall Partition System' (Gypsum Board) lengkap dengan cat jenis 'Washable' pada permukaan luar dan dalam aksesori beserta 50mm penebat dari jenis 'P.U foam (panel)' sehingga aras siling merujuk kepada butiran pengeluar dan kelulusan Arkitek. (D2) <u>LANTAI</u> B Membekal dan memasang '500mm x 500mm Carpet Tiles, jenis 100% nylon 28oz nylon lengkap bersama 'rubber underlay' dan 100mm tinggi 'skirting' jenis kayu keras disekeliling atau setara lengkap dengan aksesori lain merujuk kepada butiran pembekal dan kelulusan Arkitek. (L1) C Kerja-kerja membaik pulih lantai jubin sedia ada serta kerja berkaitan seperti mana arahan Pegawai Penguasa, merujuk kepada butiran pembekal dan kelulusan Arkitek. (L2) D Membekal dan memasang Permaidani - kelas 'A', '80% wool 20% nylon c/w natural rubber underlay' dan 100mm tinggi skirting jenis kayu keras disekeliling merujuk kepada butiran pembekal dan kelulusan Arkitek. (L3)				
	JUMLAH DIBAWA KE PENGUMPULAN				

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI
SEMBILAN**

D : KERJA-KERJA BANGUNAN - JTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN (samb.)</u>				
	<u>PINTU</u>				
	Membekal dan memasang pintu termasuk daun, kerangka, aksesori serta kemasan mengikut lukisan dan spesifikasi seperti berikut:-				
A	2100mm(T) x 900mm(P) 'Plywood Flush Door' (1 bukaan) di cat jenis 'Wood Grain' berbingkai aluminium 'Powder Coated' lengkap dengan aksesori pemasangan dan kelengkapan pintu merujuk kepada butiran pengeluar dan kelulusan Arkitek. (P2)	NO	1		
	<u>BINAAN TINGKAP</u>				
	Membekal dan memasang Tingkap termasuk daun, kerangka, aksesori serta kemasan mengikut lukisan dan spesifikasi seperti berikut:-				
A	2450mm(L) x 1200mm (T) tingkap kaca baru 6mm tebal 'clear' jenis tetap beserta 'vertical blind' lengkap dengan aksesori pemasangan dan kelengkapan tingkap merujuk kepada pada butiran pembekal dan kelulusan arkitek. (T1)	NO	1		
B	750mm(L) x 1200mm(T) Tingkap kaca baru 6mm tebal (clear) jenis tetap beserta 'vertical blind' lengkap dengan aksesori pemasangan dan kelengkapan tingkap merujuk kepada butiran pembekal dan kelulusan arkitek. (T2)	NO	2		
C	600mm(L) x 1200mm(T) Tingkap kaca baru 6mm tebal 'clear' baru beserta 'vertical blind' lengkap dengan aksesori pemasangan dan kelengkapan tingkap merujuk kepada butiran pembekal dan kelulusan arkitek. (T3)	NO	1		
D	Tingkap kaca sediaada dipasang pelekat 'sandblast' merujuk kepada butiran pembekal dan kelulusan arkitek. (T4)	NO	2		
	<u>SILING SEDIA ADA</u>				
E	Kerja-kerja membaik pulih siling sedia ada serta kerja berkaitan seperti mana arahan Pegawai Penguasa merujuk kepada butiran pembekal dan kelulusan Arkitek.	M2	30		
	JUMLAH DIBAWA KE PENGUMPULAN				

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI
SEMBILAN**

D : KERJA-KERJA BANGUNAN - JTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN (samb.)</u>				
	<u>BINAAN TINGKAP</u>				
	<u>Membekal dan memasang tingkap termasuk daun, kerangka, aksesori serta kemasan mengikut lukisan dan spesifikasi seperti berikut:-</u>				
A	2450mm(L) x 1200mm (T) Tingkap kaca baru 6mm tebal 'clear' jenis tetap beserta 'vertical blind' lengkap dengan aksesori pemasangan dan kelengkapan tingkap merujuk kepada butiran pembekal dan kelulusan arkitek. (T1)	NO	1		
B	750mm(L) x 1200mm(T) Tingkap kaca baru 6mm tebal (clear) jenis tetap beserta 'vertical blind' lengkap dengan aksesori pemasangan dan kelengkapan tingkap merujuk kepada butiran pembekal dan kelulusan arkitek. (T2)	NO	2		
C	600mm(L) x 1200mm(T) Tingkap kaca baru 6mm tebal 'clear' beserta 'vertical blind' lengkap dengan aksesori pemasangan dan kelengkapan tingkap merujuk kepada butiran pembekal dan kelulusan arkitek. (T3)	NO	1		
D	Tingkap kaca sedia ada dipasang pelekat 'sandblast' pada butiran pembekal dan kelulusan arkitek. (T4)	NO	2		
	<u>SILING SEDIA ADA</u>				
E	Kerja-kerja membaik pulih siling sedia ada serta kerja berkaitan seperti mana arahan Pegawai Penguasa, merujuk kepada butiran pembekal dan kelulusan Arkitek.	M2	30		
F	Kerja-kerja membekal dan memasang siling baru 1200mm x 600mm 'gypsum board suspended ceiling' (ketinggian mengikut aras siling sedia ada) lengkap dengan aksesori pemasangan merujuk kepada butiran pembekal dan kelulusan Arkitek.	M2	32		
	JUMLAH DIBAWA KE PENGUMPULAN				

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI
SEMBILAN**

D : KERJA-KERJA BANGUNAN - JTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN (samb.)</u>				
	<u>PERABOT DALAMAN</u>				
	<u>Membekal dan memasang perabot dalaman mengikut lukisan dan spesifikasi seperti berikut:-</u>				
A	3000mm(P) x 450mm(L) 'Postform Chipboard' dengan kemasan HPL 'built-in furniture' setinggi aras siling 2400mm(T) merujuk kepada butiran pembekal dan kelulusan arkitek. (B1) (KABINET BILIK MESYUARAT & WHITE BOARD)	NO	1		
B	4290mm(P) x 450mm(L) 'Postform Chipboard' dengan kemasan HPL 'built-in furniture' setinggi aras siling 2400mm(T) merujuk kepada butiran pembekal dan kelulusan arkitek. (B2) (KABINET PAMERAN)	NO	1		
C	5500mm(P) x 1500mm(L) 'MDF Board' dengan kemasan HPL 'built-in furniture' pada butiran pembekal dan kelulusan arkitek beserta pembahagi di tengah meja mesyuarat lengkap bersama 'plug' 3 pin merujuk kepada kelulusan jurutera elektrik. (B10) (MEJA MESYUARAT)	NO	1		
D	5500mm(P) x 550mm(L) 'MDF Board' dengan kemasan HPL 'built-in furniture(foldable table)' merujuk kepada butiran pembekal dan kelulusan arkitek. (B11) (MEJA FOLDABLE 1)	NO	1		
E	1650mm(P) x 550mm(L) 'MDF Board' dengan kemasan HPL 'built-in furniture' (foldable table) merujuk kepada butiran pembekal dan kelulusan arkitek. (B12) (MEJA FOLDABLE 2)	NO	1		
F	2750mm(P) x 550mm(L) 'MDF Board' dengan kemasan HPL 'built-in furniture'(foldable table) merujuk kepada butiran pembekal dan kelulusan arkitek. (B13) (MEJA FOLDABLE 3)	NO	1		
G	1800mm(P) x 600mm(L) x 2100mm(T) 'Postform Chipboard' dengan kemasan HPL 'built-in furniture' (kabinet bilik pengarah / bilik pegawai) bersama 'shelving' dan cermin solek merujuk kepada butiran pembekal dan kelulusan arkitek. (B14) (KABINET BILIK PEGAWAI)	NO	5		
H	1800mm(P) x 1500mm(L) x 1200mm(T) 'MDF Board' dengan kemasan HPL jenis 'L' shape (cubical workstation) bersama meja setinggi 750mm beserta 'partition' setinggi 1200mm merujuk kepada butiran pembekal dan kelulusan arkitek. (B15) (KUBIKAL RUANG KERJA)	NO	15		
	JUMLAH DIBAWA KE PENGUMPULAN				

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
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SEMBILAN**

D : KERJA-KERJA BANGUNAN - JTK (ALL PROVISIONAL)

[illegible]

MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI SEMBILAN

D : KERJA-KERJA BANGUNAN - JTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN (samb.)</u> <u>PENGUMPULAN</u> Jumlah dari muka surat D(ii) - 1/6 Jumlah dari muka surat D(ii) - 2/6 Jumlah dari muka surat D(ii) - 3/6 Jumlah dari muka surat D(ii) - 4/6 Jumlah dari muka surat D(ii) - 5/6				
	JUMLAH DI BAWA KE RINGKASAN TENDER				

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI
SEMBILAN**

D : KERJA-KERJA BANGUNAN - JTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN</u> Nota: Semua kerja-kerja diukur sebagai Kuantiti Sementara. Kerja-kerja ini yang telah disiapkan di tapak akan diukur semula mengikut ukuran sebenar di tapak. Jumlah sebenar akan diselaraskan semula kepada Harga Kontrak Asal. <u>Kerja-kerja Bangunan hendaklah sentiasa merujuk Lukisan Arkitek no.: PJKRNS(A)13/05/2020-01, Spesifikasi Piawai dan arahan serta kelulusan Pegawai Penguasa.</u> <u>PELAN LANTAI ARAS 3 (JTK SEREMBAN)</u> <u>DINDING</u> A Membekal dan memasang 75mm tebal 'Seamless Wall Partition System' (Gypsum Board) 50mm penebat dari jenis 'P.U Foam (panel)' berserta 12mm tbl nyatoh 'Ply C/W Decorative Cornice' tinggi 960mm daripada aras lantai pada bahagian dalam lengkap dengan aksesori merujuk kepada butiran pengeluaran dan kelulusan Arkitek. (D1) B Membekal dan memasang kemasan nyatoh 'Ply C/W Decorative Cornice' tinggi 960mm daripada aras lantai pada bahagian dalam lengkap dengan aksesori merujuk kepada butiran pengeluaran dan kelulusan Arkitek. (D3) C Membekal dan memasang 75mm tebal 'Seamless Wall Partition System' (Gypsum Board) 50mm penebat dari jenis 'P.U Foam (panel)' berserta 12mm tbl nyatoh 'Ply C/W Decorative Cornice' setinggi 960mm aras siling pada permukaan 'A' lengkap dengan aksesori merujuk kepada butiran pengeluaran dan kelulusan Arkitek. (D4) D Membekal dan memasang 75mm tebal 'Seamless Wall Partition System' (Gypsum Board) 50mm penebat dari jenis 'P.U Foam (panel)' berserta 12mm tbl nyatoh 'Ply C/W Decorative Cornice' setinggi aras siling pada permukaan 'B' lengkap dengan aksesori merujuk kepada butiran pengeluaran dan kelulusan Arkitek. (D5) E Membekal dan memasang 12mm nyatoh 'Ply C/W Decorative Cornice' di tampal pada 'wall partition' sedia ada setinggi aras siling pada bahagian dalam lengkap dengan aksesori merujuk kepada butiran pengeluaran dan kelulusan Arkitek. (D6)				
	JUMLAH DIBAWA KE PENGUMPULAN				

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI
SEMBILAN**

D : KERJA-KERJA BANGUNAN - JTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN (samb.)</u>				
	<u>LANTAI</u>				
A	Kerja-kerja membaik pulih lantai 'jubin' sedia ada serta kerja berkaitan seperti mana arahan Pegawai Penguasa, rujuk pada butiran pembekal dan kelulusan Arkitek. (L2)	M2	80		
B	Membekal dan memasang Permaidani - kelas 'A', '80% wool 20% nylon c/w natural rubber underlay' dan 100mm tinggi skirting jenis kayu keras disekeliling merujuk kepada butiran pembekal dan kelulusan Arkitek. (L3)	M2	95		
	<u>PINTU</u>				
	<u>Membekal dan memasang pintu termasuk daun, kerangka, aksesori serta kemasan mengikut lukisan dan spesifikasi seperti berikut:-</u>				
C	2100mm(T) x 900mm(P) Panel kayu keras bercorak di cat jenis 'wood grain' berbingkai metal lengkap dengan aksesori pemasangan dan kelengkapan pintu merujuk kepada butiran pembekal dan kelulusan Arkitek. (P1)	NO	6		
D	2100mm(T) x 900mm(P) 'Plywood Flush Door' (1 bukaan) di cat jenis 'Wood Grain' berbingkai aluminium 'Powder Coated' lengkap dengan aksesori merujuk kepada butiran pengeluaran dan kelulusan Arkitek. (P2)	NO	1		
E	750mm(L) x 960mm(T) x 30mm tebal pintu 'Swing Auto Closed' dicat jenis 'Wood Grain' 12mm tebal nyatoh ply c/w decorative cornice lengkap dengan aksesori pemasangan dan kelengkapan pintu merujuk kepada butiran pengeluaran dan kelulusan Arkitek. (P3)	NO	6		
	<u>SILING SEDIA ADA</u>				
F	Kerja-kerja membaik pulih siling sedia ada serta kerja berkaitan seperti mana arahan Pegawai Penguasa, rujuk pada butiran pembekal dan kelulusan Arkitek.	M2	30		
	JUMLAH DIBAWA KE PENGUMPULAN				

**MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI
SEMBILAN**

D : KERJA-KERJA BANGUNAN - JTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	<u>KERJA-KERJA BANGUNAN (samb.)</u>				
	<u>PERABOT DALAMAN</u>				
	<u>Membekal dan memasang perabot dalaman mengikut lukisan dan spesifikasi seperti berikut:-</u>				
A	1800mm(P) x 550mm(L) x 900mm(T) Kayu keras c/w nyatoh 'ply panel' 900(T) x 50mm(tebal), 'decorative cornice', 75mm tebal 'high density sponge with leather case and accessories' merujuk kepada butiran pembekal dan kelulusan arkitek. (B3) (KERUSI GELERI AWAM 1)	NO	6		
B	1500mm(P) x 600mm(L) x 750mm(T) Meja beserta laci terbuka di bahagian bawah jenis kayu keras c/w nyatoh 'ply panel' 900(T) x 50mm(tebal), 'decorative cornice and accessories' merujuk kepada butiran pembekal dan kelulusan arkitek. (B5) (MEJA PLANTIF / DEFENDEN)	NO	6		
C	1800mm(P) x 600mm(L) x 750mm(T) Kayu keras merujuk kepada butiran pembekal dan kelulusan arkitek. (B7) (MEJA PEGAWAI PENDENGAR)	NO	3		
D	Platform 1800mm(P) x 1800mm(L) x 150mm(T) Steel structure platform base dengan lantai 25mm tebal kayu keras merujuk kepada butiran pembekal dan kelulusan Pegawai Penguasa. (B8) (PLATFORM PEGAWAI PENDENGAR)	NO	3		
E	900mm(P) x 450mm(L) 'MDF Board' dengan kemasan HPL 'built-in furniture' (foldable table) merujuk kepada butiran pembekal dan kelulusan arkitek. (B9) (MEJA FOLDABLE RUANG JURUBAHASA)	NO	3		
	JUMLAH DIBAWA KE PENGUMPULAN				

MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN
PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI
SEMBILAN

D : KERJA-KERJA BANGUNAN - JTK (ALL PROVISIONAL)

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
	KERJA-KERJA BANGUNAN (samb.) PENGUMPULAN Jumlah dari muka surat D(i) - 1/4 Jumlah dari muka surat D(i) - 2/4 Jumlah dari muka surat D(i) - 3/4				
	JUMLAH DIBAWA KE RINGKASAN TENDER				

MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI SEMBILAN

E : WANG PERUNTUKAN SEMENTARA

Item	Keterangan Kerja	Unit	Kuantiti	Kadar (RM)	Harga (RM)
A	Papan Tanda Dalam Sediakan Wang Peruntukan Sementara sebanyak RM20,000.00 (Ringgit Malaysia : Dua Puluh Ribu Sahaja) untuk kerja-kerja Papan Tanda Dalam yang akan dibelanjakan sebahagian atau sepenuhnya oleh Pegawai Penguasa	Prov. Sum			20,000.00
B	<u>Builder's Work In Connection With M&E Works</u> Sediakan Wang Peruntukan Sementara sebanyak RM 5,000.00 (Ringgit Malaysia : Lima Ribu Sahaja) untuk kerja-kerja 'Builder's Work In Connection With M&E Works' yang akan dibelanjakan sebahagian atau sepenuhnya oleh Pegawai Penguasa.	Prov. Sum			5,000.00
	JUMLAH DIBAWA KE RINGKASAN TENDER				25,000.00

JKR 103/16/2019
PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI SEMBILAN

BILLS OF QUANTITY (Quantities Are Provisional And Subjected To Remeasurement)

ITEM	DESCRIPTION OF WORK	UNIT	QTY	RATE (RM)	AMOUNT (RM)
A	<u>PRELIMINARIES</u>				
	<i>The preliminary items set out hereunder are deemed to apply to the whole of the Sub-Contract Works all as shown on the Drawings and/or described in this Bills of Quantities, and the Electrical Contractor shall allow for complying with the same and for any clause or item listed in this section which has not been included elsewhere in this section and no claims will be entertained for those unpriced clause.</i>				
1	Liasing with Telekom including any submission of test form, test sheet etc.	L/S			
2	To clear all the debris at the worksite caused by the contract works.	L/S			
3	All shop drawings, working drawings, manual, catalogues and samples. (shop drawing and working drawings shall be submitted before commencing work).	L/S			
4	To submit 4 copies hard cover binding together for the following :- i) Parts catalogue ii) As install / as built drawing iii) Testing and commisioning result	L/S			
5	<u>Competent Persons</u> The Eletrical Contractor shall give or appoint a Competent Person or Competent Persons in compliance with the Electricity Regulations 1994 to provide necessary superintendence over the whole site operation for the full duration of the Sub-Contract Works and as long thereafter as the S.O.'s Representative mas consider necessary for the proper fulfilment the Electrical Contractor's obligation under this Sub-Contractor. The qualification of the Competent Persons shall be in compliance with the Electricity Regulations 1994 and approved by the S.O.'s Representative, and shall be constantly on the Site and shall devote his whole time to the superintendence of the Sub-Contract works. He shall take responsibility for the construction, installation, testing, commissioning and operation of the whole Sub-Contract Works in compliance with the Electricity Regulations 1994 and any other laws having jurisdiction over the Sub-Contract Works.	L/S			

JKR-03-16-2024

PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK)

NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN

NEGERI SEMBILAN

ITEM	DESCRIPTION OF WORK	UNIT	QTY	RATE (RM)	AMOUNT (RM)
	The S.O.'s Representative will be at liberty to object to and requires the Electrical Contractor to remove forthwith from the Site such Competent Person, who in the opinion of the S.O.'s representative, misconducts himself or is incompetent or negligent in the proper considered by the S.O.'s representative to be undesirable. The Electrical Contractor shall, upon the removal of such person, thereafter replaced as soon as possible a new Competent Person in compliance with the requirement of this section.				
SUB-TOTAL A :					

JKR 100/17/2019
**PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA
 KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN
 WISMA PERSEKUTUAN NEGERI SEMBILAN**

BILLS OF QUANTITY (Quantities Are Provisional And Subjected To Remeasurement)

ITEM	DESCRIPTION OF WORK	ARAS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
B	<u>JABATAN TENAGA KERJA (JTK) & PEJABAT TENAGA KERJA (PTK)</u>					
1.0	<u>WIRING</u>					
	<u>SURFACE WIRING SYSTEM USING G.I CONDUIT</u>					
	Notes:					
	i) All wiring must be in G.I. conduit.					
	ii) All wiring above ceiling level must be in hot dipped galvanized trunking c/w copper tape bridging and tap off in G.I. conduit.					
	iii) Boxes for switches, switched socket outlet must be galvanised sheet steel - minimum 0.8mm thickness.					
	iv) The wiring throughout shall be on the "looping-in system" and no tee or other types of joints are allowed.					
	v) All materials and works shall be carried out as per JKR specifications and requirements.					
1.1	Lighting point using 2 X 1.5 sq. mm PVC cable and protective conductor c/w 10A 1 way SP flush switch at :-					
a	Mahkamah Buruh 1	3	Nos.	9		
b	Mahkamah Buruh 2	3	Nos.	9		
c	Mahkamah Buruh 3	3	Nos.	9		
d	Bilik Bincang 1	3	Nos.	2		
e	Bilik Bincang 2	3	Nos.	2		
f	Mahkamah Buruh Sediada	3	Nos.	8		
g	Bilik OC	3	Nos.	4		
h	Ruang Kerja	3	Nos.	54		
i	Bilik Mesyuarat	11	Nos.	10		
j	Bilik Pegawai 1	11	Nos.	2		
k	Bilik Pegawai 2	11	Nos.	2		
l	Bilik Pegawai 3	11	Nos.	2		
m	Ruang Menunggu	11	Nos.	6		
n	Ruang Kerja	11	Nos.	18		
o	PA Pengarah	11	Nos.	4		
p	Kaunter	11	Nos.	1		
q	Bilik Pengarah	11	Nos.	6		
r	Bilik Sever	11	Nos.	2		
s	Bilik Cetak	11	Nos.	2		
t	Surau Lelaki	11	Nos.	2		
u	Surau Perempuan	11	Nos.	2		
v	Bilik Pegawai 5	11	Nos.	4		
w	Pantry	11	Nos.	3		
x	Bilik Fail	11	Nos.	8		
y	Stor Kecil Stok	11	Nos.	2		

JKR
**PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA
 KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN
 WISMA PERSEKUTUAN NEGERI SEMBILAN**

ITEM	DESCRIPTION OF WORK	ARAS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
1.2	Lighting point using 2 X 1.5 sq. mm PVC cable and protective conductor for self-contained emergency luminaire and self-contained 'keluar' sign luminaire at :-					
a	Mahkamah Buruh 1	3	Nos.	1		
b	Mahkamah Buruh 2	3	Nos.	1		
c	Mahkamah Buruh 3	3	Nos.	1		
d	Mahkamah Buruh Sediada	3	Nos.	1		
e	Ruang Kerja	3	Nos.	1		
f	Bilik Mesyuarat	11	Nos.	1		
g	Ruang Menunggu	11	Nos.	1		
h	Ruang Kerja	11	Nos.	1		
i	Kaunter	11	Nos.	1		
j	Bilik Pengarah	11	Nos.	1		
k	Surau Lelaki	11	Nos.	1		
l	Surau Perempuan	11	Nos.	1		
m	Pantry	11	Nos.	1		
n	Bilik Fail	11	Nos.	1		
o	Stor Kecil Stok	11	Nos.	1		
1.3	Lighting point using 2 X 1.5 sq. mm PVC cable and protective conductor for 'LAMPU KECEMASAN' at					
a	Mahkamah Buruh 1	3	Nos.	1		
b	Mahkamah Buruh 2	3	Nos.	1		
c	Mahkamah Buruh 3	3	Nos.	1		
d	Bilik Bincang 1	3	Nos.	1		
e	Bilik Bincang 2	3	Nos.	1		
f	Mahkamah Buruh Sediada	3	Nos.	1		
g	Bilik OC	3	Nos.	1		
h	Ruang Kerja	3	Nos.	4		
i	Bilik Mesyuarat	11	Nos.	1		
j	Bilik Pegawai 1	11	Nos.	1		
k	Bilik Pegawai 2	11	Nos.	1		
l	Bilik Pegawai 3	11	Nos.	1		
m	Ruang Menunggu	11	Nos.	2		
n	Ruang Kerja	11	Nos.	4		
o	PA Pengarah	11	Nos.	1		
p	Kaunter	11	Nos.	1		
q	Bilik Pengarah	11	Nos.	1		
t	Surau Lelaki	11	Nos.	1		
u	Surau Perempuan	11	Nos.	1		
v	Bilik Pegawai 5	11	Nos.	1		
w	Bilik Fail	11	Nos.	1		
x	Stor Kecil Stok	11	Nos.	1		

JKR 100/17/2017
**PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA
 KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN
 WISMA PERSEKUTUAN NEGERI SEMBILAN**

ITEM	DESCRIPTION OF WORK	ARAS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
1.4	13A switch socket outlet point using 2 X 4 sq. mm PVC cable and protective conductor c/w 13A 3pin 1 gang metalclad switched socket outlet(300mm mounting height above floor level) at :-					
a	Mahkamah Buruh 1	3	Nos.	4		
b	Mahkamah Buruh 2	3	Nos.	4		
c	Mahkamah Buruh 3	3	Nos.	4		
d	Bilik Bincang 1	3	Nos.	2		
e	Bilik Bincang 2	3	Nos.	2		
f	Mahkamah Buruh Sediada	3	Nos.	4		
g	Bilik OC	3	Nos.	4		
h	Bilik Mesyuarat	11	Nos.	12		
i	Bilik Pegawai 1	11	Nos.	2		
j	Bilik Pegawai 2	11	Nos.	2		
k	Bilik Pegawai 3	11	Nos.	2		
l	Ruang Menunggu	11	Nos.	4		
m	PA Pengarah	11	Nos.	4		
n	Kaunter	11	Nos.	4		
o	Bilik Pengarah	11	Nos.	4		
p	Bilik Sever	11	Nos.	4		
q	Bilik Cetak	11	Nos.	4		
r	Surau Lelaki	11	Nos.	2		
s	Surau Perempuan	11	Nos.	2		
t	Bilik Pegawai 5	11	Nos.	4		
u	Pantry	11	Nos.	2		
v	Bilik Fail	11	Nos.	2		
w	Stor Kecil Stok	11	Nos.	2		
1.5	13A switch socket outlet point using 2 X 4 sq. mm PVC cable and protective conductor c/w 1 gang 13A 3pin at Workstation					
a	Ruang Kerja	3	Nos	21		
b	Ruang Kerja	11	Nos	15		
1.6	13A switch socket outlet point using 2 X 4 sq. mm PVC cable and protective conductor c/w 1 gang 13A 3pin at Meeting Room					
a	1 gang below ceiling (suspended overhead projector)	11	Nos	1		
b	1 gang 300mm mounting height below ceiling level (suspended overhead projector Screen)	11	Nos	1		
1.7	15A switch socket outlet point (for Aircond) using 2 x 4 sq.mm PVC cable and protective conductor c/w 20A DP flush switch and indicator light. (Located next to aircond indoor unit)					
a	Mahkamah Buruh 1	3	Nos	1		
b	Mahkamah Buruh 2	3	Nos	1		
c	Mahkamah Buruh 3	3	Nos	1		
d	Bilik Mesyuarat	11	Nos	2		
e	Bilik Fail	3	Nos	3		
f	Bilik Pegawai 5	11	Nos	1		
g	Bilik Fail	11	Nos	2		
h	Bilik Pengarah	11	Nos	1		

**PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA
KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN
WISMA PERSEKUTUAN NEGERI SEMBILAN**

ITEM	DESCRIPTION OF WORK	ARAS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
1.8	20A SPN isolator point (for Aircond) using 2 x 6 sq.mm PVC cable and protective conductor c/w 20A SPN metalclad isolator, 20A DP metalclad switch and indicator light.					
a	Bilik Sever	11	Nos	2		
2.0	<u>SUPPLY AND INSTALLATION</u>					
	Note:- a) All items supplied must be of local made if there are locally available and have been approved by the appropriate authority. b) All fitting mounted in the ceiling shall be independently suspended using suitable size of steel wire and bracket / hook. c) All fluorescent T8 luminaire shall be supplied c/w approved high frequency electronic ballast by Suruhanjaya Tenaga (ST) and JKR. Norminal Colour temperture (Kelvin) shall be 6500K. d) The tenderer is required to submit the catalogue for the purpose of tender evaluation. e) All Luminaire Dimension are in Metric (mm).					
	<u>FLUORESCENT LUMINAIRES</u>					
2.1	2 X 36W (T8) (1200mm X 600mm) fluorescent recessed T/Bar luminaire c/w anodised aluminium louvre, Vdu Compatible Cat. 2, full aluminium reflector to comply LOR>80% Reflector>90%, electronic ballast and other necessary accessories	11	Nos.	76		
	<u>OTHER TYPE OF LUMINAIRES</u>					
2.2	24W (LED) recessed downlight luminaire (round type) with dimension of 143mm (dia) x 110mm (h) c/w tempered glass frosted diffuser, separate control gear, luminous flux = 1100lm, correlated colour temprature (cct) 6500 Kelvin, colour rendering index (cri) ≥ 80Ra, the effciacy ≥ 75lm/W and safety steel cable for hanging LED optical system and LED control	11	Nos	6		
2.3	Bomba Sirim & JKR approved Non-maintaned, self-contained rechargeable recessed (LED) Emergency Light luminaire c/w diffuser and sealed NiCd battery of minimum 3 hour rating etc.	11 & 3	Nos Nos	18 7		
2.4	Bomba Sirim & JKR approved surface mounted single sided (LED) `KELUAR' sign luminaire (slim type) c/w sealed NiCd battery back-up of minimum 3 hour rating.	11 & 3	Nos Nos	10 5		

JKR
**PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA
 KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN
 WISMA PERSEKUTUAN NEGERI SEMBILAN**

ITEM	DESCRIPTION OF WORK	ARAS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
3.0	<u>DISTRIBUTION BOARD</u>					
	To supply and install the following metalclad DB(s) c/w MCB(s), RCCB(s), MCCB, neutral & earth terminal with bolt & nuts, alphanumeric circuit number label for all going cable and shall be mounted all brackets & mounted directly on the wall as per drawing and must comply with L-S1 (Rev. 4, Jan 2018) specification (CKE.LS.01.010(04).2017).					
	<u>Aras 3</u>					
3.1	8 ways TPN Metalclad Wall Mounted DB `L/P/AC (Lighting,Power & AC)	3	Set	1		
3.2	8 ways TPN Metalclad Wall Mounted DB `L/1 B' (Lighting)	3	Set	1		
3.3	8 ways TPN Metalclad Wall Mounted DB `P/1B' (Power)	3	Set	1		
3.4	8 ways TPN Metalclad Wall Mounted DB `AC/1B' (AC)	3	Set	1		
	<u>Aras 11</u>					
3.5	10 ways TPN Metalclad Wall Mounted DB `L/2' (Lighting)	11	Set	1		
3.6	10 ways TPN Metalclad Wall Mounted DB `P/2 (Power)	11	Set	1		
3.7	10 ways TPN Metalclad Wall Mounted DB `AC/2' (AC)	11	Set	1		
4.0	<u>SUBMAIN</u>					
	Note:-					
	a) Installation and commissioning of the following and comply with the drawing no. below and as per L-S1 (Rev.4, Jan 2018) specification (CKE.LS.01.01.(04).2017).					
	b) Wherever the trunking / cable tray passes through a floor or a fire resistant wall, fireresisting barrier shall be provided. At these positions the cables shall be sealed with nonhygroscopic fire resisting material of minimum 2-hour fire rating.					
4.1	4 X 10 sq. mm PVC cble in Electrogalvanised Trunking c/w 1 X 10 sq. mm PVC protective earth conductor etc. from :-					
	a) SSB to DB L/P/AC	3	M	30		
	b) SSB to DB L/1 B	3	M	20		
	c) SSB to DB P/1B	3	M	20		
	d) SBB to DB AC/1B	3	M	20		
	e) SBB to DB L/2	11	M	10		
	f) SBB to DB P/2	11	M	10		
	g) SBB to DB AC/2	11	M	10		
SUB TOTAL B :						

JKR PERNAP 2007/08

PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI SEMBILAN

BILLS OF QUANTITY (Quantities Are Provisional And Subjected To Remeasurement)

ITEM	DESCRIPTION OF WORK	ARAS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
C	<u>WIRING-TELEFON & ICT</u>					
C1	<u>TELEPHONE INSTALLATION SYSTEM</u>					
1.1	<u>FIBER OPTIC</u>					
1.1.1	Supply, install 3 meter length multimode fiber factory terminated patch cord in equipment racks for connection Edge Switch (for IP PBX) at Aras 3 and Distribution Switch at Aras 11	3 & 11	No	2		
1.2	<u>EDGE SWITCH</u>					
1.2.1	Supply, install, configure, testing and commissioning Layer 2/3 Ethernet Switch with 24-port 10/100/1000 Ethernet Ports, minimum 2-port 1000BaseX pluggable SFP c/w equipment power cable and all necessary accessories, power supply, and minimum power supply, and minimum 3 year onsite warranty and support with next business day advance 1-year full hardware replacement and firmware upgrade (from manufacturer)		Nos.	2		
1.2.2	Supply, install 1G multimode Transceiver modular		Nos.	2		
1.3	<u>IP PBX SYSTEM</u>					
1.3.1	To liaise on and coordinate with TM's technical and sales team for the application of a new Multiline Session Initiation Protocol (SIP) direct line as per S.O representative instruction and TM requirement. The Multiline SIP line shall be connected to the new IP PABX.	3	Lot	1		
1.3.2	To supply, install and configure session boarder controller (SBC) that shall work with IP PBX and licenses.	3	Lot	1		
1.3.3	To supply, install and figure IP PBX system with the following specification c/w required cabling & accessories, rack mount kit system, rack type UPS, c/w battery (up to 4 hours backup time), all necessary accessories as per TMB's and JTK's requirement: i. Session Initiation Protocol (SIP) port for SIP line c/w license shall comply with TM's Multilines SIP Compliance Certification ii. Minimum 1 Ethernet port based interface iii. Power supply iv. Minimum 100GB storage v. Support multilevel Auto-Attendant vi. Min. extensions for 100 user c/w Foreign exchange subscriber (FXS), complete cable, necessary modules and accessories vii. Complete with license Expandable to: min 200 DID inclusive service maintenance, Factory Acceptance Test, Testing & Commissioning Onsite 8x5xNDB (8 hours, 5 Day Next Business Day Service Level) maintenance service during DLP	3	Lot	1		
1.4	<u>OPERATOR CONSOLE</u>					
1.4.1	To supply, install and configure Operator Console system c/w unified communication software, license and cabling. The Operator Console system shall have voice logger/recording system		Lot	1		
1.4.2	To supply, install and configure Personal Computer (PC) for operator console system c/w software, licences and necessary cabling system. The PC shall be latest model with the following specifications - Latest OS, Microsoft Office and Antivirus - Small Form Factor (SFF) - i5 intel Core Latest Generation Processor - 4GB Memory - 1 TB HDD - 19 inches LED Backlight Monitor - 700VA UPS and Automatic voltage Regulator		Lot	1		

JKR
PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI SEMBILAN

ITEM	DESCRIPTION OF WORK	ARAS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
1.5	TELEPHONE INSTALLATION SYSTEM The complete system shall be installed, tested and commissioned according to JKR, TMB, SIRIM and Suruhanjaya Telekomunikasi & Multimedia requirements and as per drawing and specification Note : a) Catalogues, technical specification and data for offered equipment shall be submitted together with this tender. b) Offered equipment for all telecommunication product shall be enclosed together with TMB letter of approval. c) Terminal block shall be labelled and engraved as required by the S.O. d) The S.O. has the right to reject any incomplete tender.					
1.6.1	Telephone point using 2pairs/0.63mm PVC internal telephone cable surface in G.S. conduit c/w flush telephone socket outlet approved type from the DP to :-					
a	Mahkamah Buruh 1	3	Nos	1		
b	Mahkamah Buruh 2	3	Nos	1		
c	Mahkamah Buruh 3	3	Nos	1		
d	Bilik Bincang 1	3	Nos	1		
e	Bilik Bincang 2	3	Nos	1		
f	Mahkamah Buruh Sediada	3	Nos	1		
g	Bilik OC	3	Nos	1		
h	Ruang Kerja	3	Nos	21		
i	Bilik Mesyuarat	11	Nos	1		
j	Bilik Pegawai 1	11	Nos	1		
k	Bilik Pegawai 2	11	Nos	1		
l	Bilik Pegawai 3	11	Nos	1		
m	Ruang Kerja	11	Nos	15		
n	PA Pengarah	11	Nos	1		
o	Kaunter	11	Nos	1		
p	Bilik Pengarah	11	Nos	1		
q	Bilik Pegawai 5	11	Nos	1		
1.6.2	Wall mounted telephone point using 2pair/0.63mm PVC internal telephone cable Surface in G.S. conduit c/w flush telephone socket outlet from the DP to Fax Machine at Pejabat Aras 3 & 11	3 & 11	No.	2		
1.6.3	30 pair wall mounted lockable Metalclad Distribution Point Box of quick connecting type termination module c/w earthing terminal, termination unit, over voltage arrestor, lightning arrestor and other necessary etc for:					
i.	DP `A3' at Bilik Sever , Aras 3	3	Nos.	1		
ii.	DP B11' at Bilik Sever Aras 11	11	Nos.	1		
1.6.4	30 pair/0.63mm PVC internal telephone cable in Electro-galvanised Trunking c/w termination etc. from :-					
a)	MDF to DP `A3'	3	Lot.	1		
b)	MDF to DP `B11'	11	Lot.	1		
1.6.5	30 pair/0.63mm PVC internal telephone cable in Electro-galvanised Trunking c/w termination etc. from :-					
a)	IP PBX to DP `A3'	3	Lot.	1		
b)	IP PBX to DP `B11'	11	Lot.	1		
1.6.6	Comprehensive Operation Manual Tranning on equipments and system as per drawing and specification for users		Lump Sum	Lump Sum		
SUB TOTAL C1						

JKR
PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN NEGERI SEMBILAN

ITEM	DESCRIPTION OF WORK	ARAS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
C	WIRING ICT					
C2	<u>INFORMATION TECHNOLOGY SYSTEM (ICT)</u>					
	Note: a) All items shall be referred as per specification/appendix attached b) The price quoted shall take into consideration requirement specified in the Bill of Quantity. Technical Specifications, General Practices, Compliance Table and Drawings. c) The installation shall include all necessary work for configuration, testing and commissioning for full functionality of the whole system. d) All equipments shall include maintenance and guarantee for a minimum period of two (2) years after the date of the final commission.					
2.1	DATA CABLINGS UTP Cat 6					
	<u>UTP Cat 6</u>					
2.1.1	To supply, install and terminate data point using UTP Cat 6 (EIA/TIA) from patch panel to faceplate in hot dip-galvanized trunking & concealed rigid high impact PVC conduit c/w back box, angle faceplate, modular type RJ45 jack at patch panel and faceplate					
a	Mahkamah Buruh 1	3	Nos	1		
b	Mahkamah Buruh 2	3	Nos	1		
c	Mahkamah Buruh 3	3	Nos	1		
d	Bilik Bincang 1	3	Nos	1		
e	Bilik Bincang 2	3	Nos	1		
f	Mahkamah Buruh Sediada	3	Nos	1		
g	Bilik OC	3	Nos	1		
h	Ruang Kerja	3	Nos	21		
i	Bilik Mesyuarat	11	Nos	1		
j	Bilik Pegawai 1	11	Nos	1		
k	Bilik Pegawai 2	11	Nos	1		
l	Bilik Pegawai 3	11	Nos	1		
m	Ruang Kerja	11	Nos	15		
n	PA Pengarah	11	Nos	1		
o	Kaunter	11	Nos	1		
p	Bilik Pengarah	11	Nos	1		
q	Bilik Pegawai 5	11	Nos	1		
2.1.2	Supply and install 2.0 meter length UTP Cat 6 (EIA/TIA) factory terminated patch cord c/w RJ45 connectors and boots from patch panel to network switch.	3 & 11	Nos.	51		
2.1.3	To supply and install 3.0 meter length UTP Cat 6 (EIA/TIA) factory terminated patch cord c/w RJ45 connectors and boots from faceplate to workstation	3 & 11	Nos.	51		
2.1.4	<u>Fiber Optic Cable</u>					
2.1.5	Supply, install, test and commission 8 core 50um/125 multimode indoor fibre optics cable through hot dip galvanised trunking and rigid high impact PVC conduit from core switch (Aras 3) to edge switch Bilik Sever, Aras 11.		Meter	200		
2.1.6	Termination of 8 core multimode fiber c/w SC/LC connector, pigtail and splicing cassette		Nos	2		
2.1.7	Supply and install 3 meter length multimode fiber factory terminated patch cords in equipment racks at Bilik Sever, Aras 3 & Bilik Sever, Aras 11		Nos	4		

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JKR

PEMAK

DAFTAR

PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA KERJA (JTK)
NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN WISMA PERSEKUTUAN
NEGERI SEMBILAN

ITEM	DESCRIPTION OF WORK	ARAS	UNIT	QTY	RATE (RM)	AMOUNT (RM)
3.0	TESTING AND COMMISSIONING Testing and commissioning the following systems and guarantee full functionality of the system during defect and liability period as per scope of works & according to the requirements and specifications of JKR. (Contractor need to carry out pre-T&C for all the systems and submit the test results to JKR before T&C with JKR). All equipments (i.e notebook with higher specification) shall be provided for JKR representatives during the T&C is carried out.					
3.1	Testing and commissioning for all system including ICT & Telephone System.		L/S	1		
SUB TOTAL C2						

BILLS OF QUANTITY (Quantities Are Provisional And Subjected To Remeasurement)

ITEM	DESCRIPTION OF WORK	UNIT	QTY	RATE (RM)	AMOUNT (RM)
D	<u>MISCELLANEOUS</u>				
1.0	Motorised Projector Screen :-				
1.1	a) 10' (H) Motorised Front Projector Screen	Nos	1		
1.2	b) 6 x 1.5mm ² PVC Cable run in surfaced GI conduit from Motorised Projector Screen point to switch control panel (up/stop/down) c/w all necessary accessories.	Lot	1		
1.3	c) Fix bracket for overhead projector c/w all necessary accessories.	Lot	1		
1.4	<u>INSPECTION, TESTING AND COMMISSIONING</u> Allow here or in the rates for the cost of carrying out inspection and tests at works, testing and commissioning of the installation and the equipment of the Sub-Contract Works as required in the relevant Specifications including providing all necessary labour, materials, transportation, appliance or equipment, electricity and fuels, and paying all fees and charges for tests carried out by others.	L/S	1		
2.0	<u>HACKING AND MAKING GOOD</u>				
2.1	Breaking, hacking, cutting holes and making good, backfilling and permanent reinstatements of damaged brickwall, roads, drains, hardstandings, tarmac area, other civil works, etc. necessary for the installation of the system.	Lump Sum	Lump Sum		
3.0	<u>OTHERS</u>				
4.1	Any other item, equipment and works which are necessary for the proper carrying out of the whole installation and operation of the system as per drawing and specification [Detail shall be given and attach together for approval]				
	a) _____ _____	Lump Sum	Lump Sum		
	b) _____ _____	Lump Sum	Lump Sum		
	c) _____ _____	Lump Sum	Lump Sum		
	d) _____ _____	Lump Sum	Lump Sum		
	e) _____ _____	Lump Sum	Lump Sum		

ITEM	DESCRIPTION OF WORK	UNIT	QTY	RATE (RM)	AMOUNT (RM)
SUB TOTAL D :					

**PEMASANGAN ELEKTRIK UNTUK PROJEK MENGUBAHSUAI RUANG PEJABAT JABATAN TENAGA
KERJA (JTK) NEGERI SEMBILAN DAN PEJABAT TENAGA KERJA (PTK) SEREMBAN DI BANGUNAN
WISMA PERSEKUTUAN NEGERI SEMBILAN**

SUMMARY OF PRICES

ITEM	DESCRIPTION		TOTAL COST (RM)
A)	PRELIMINARIES		
B)	WIRING AND SUPPLY		
C)	WIRING AND SUPPLY	C1) TELEFON SYSTEM	
		C2) ICT SYSTEM	
D)	MISCELLANEOUS		
*TOTAL TO RINGKASAN TENDER (RM)			

Malaysian Ringgit:

.....

*NOTE: This total must agree with the total lump sum quoted in the form of tender
otherwise the tender may not be considered.

TARIKH:.....

NAMA :.....

TANDATANGAN:.....

JAWATAN:.....

COP RASMI:.....

.....

.....

SECTION 8

SCHEDULE OF PRICES

SECTION 8

The tenderer must complete this Schedule of Prices at the time of tender. The Government is under no obligation to accept the lowest tender and reserves the right to accept any tenders in part or full and to vary the quantities stated with no variation to the rates.

The prices entered in this schedule shall be for the supply, installation, testing and commissioning of the complete system and ancillary equipment/works in accordance with the requirements of the specification and drawing together with 6 months maintenance and guarantee as specified.

Where work is specified or incident to the contract and no corresponding payment item has been allowed for, the cost of such work shall be deemed to be included under the relevant items of work listed in the summary below.

The tenderer shall list below the prices comprising the tender sum. The price listed for each item shall be inclusive of all costs, installation, overhead and profit.

8.1 PRELIMINARIES

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE (RM)
1	All civil works necessary for complete installation of the above systems include coring, cutting, digging, drilling, cart away debris, etc. and making good to S.O satisfaction.	L/S	1	
2	Testing and commissioning for whole complete Air Conditioning System in good condition	L/S	1	
3	Dismantling work of equipment and part c/w transportation, labour, machinery and disposal work to designated location as instructed by SO.	L/S	1	
4	Use of crane, skylift, machineries, transportation, scaffolding and other equipments to complete work	L/S	1	
5	Six (6) months maintenance during Maintenance and Defect Liability Period	L/S	1	
Total to be carried forward to 8.3 SUMMARY OF PRICES				

8.2 AIR-CONDITIONING SYSTEM

Item		Description Of Equipment/Work	Qty.	Unit	Unit Price (RM)	Price (RM)
ARAS 3 JTK						
1.0		To supply and install air-cooled Split Unit air-conditioners c/w indoor and outdoor units, wiring, starter, remote controller, brackets, refrigerant, insulation, drain pipes, switchboard, vibration isolator, coring, hacking, punching of holes in walls/floors, making good, painting, galvanised steel / PVC trunking and conduit				
	1.1	MAHKAMAH BURUH 1, 2.5 hp, <i>Celling Cassette</i>	1	Nos		
	1.2	MAHKAMAH BURUH 2, 2.5 hp, <i>Celling Cassette</i>	1	Nos		
	1.3	MAHKAMAH BURUH 3, 2.5 hp, <i>Celling Cassette</i>	1	Nos		
	1.4	BILIK FAIL/STOR JKJP, 2.5 hp, <i>Celling Cassette</i>	3	Nos		
ARAS 11 JTK						
2.0		To supply and install air-cooled Split Unit air-conditioners c/w indoor and outdoor units, wiring, starter, remote controller, brackets, refrigerant, insulation, drain pipes, switchboard, vibration isolator, coring, hacking, punching of holes in walls/floors, making good, painting, galvanised steel / PVC trunking and conduit				
	2.1	BILIK MESYUARAT, 2.0 hp, <i>Celling Cassette</i>	2	Nos		
3.0		To supply and install air-cooled Split Unit air-conditioners c/w indoor and outdoor units, wiring, starter, remote controller, brackets, refrigerant, insulation, drain pipes, switchboard, vibration isolator, coring, hacking, punching of holes in walls/floors, making good, painting, galvanised steel / PVC trunking and conduit				
	3.1	BILIK PEGAWAI 5 / PERBINCANGAN, 1.0 hp, <i>Wall Mounted</i>	1	Nos		
	3.2	BILIK PENGARAH, 2.0 hp, <i>Wall Mounted</i>	1	Nos		
	3.3	BILIK FAIL, 2.0 hp, <i>Wall Mounted</i>	2	Nos		
	3.4	BILIK SERVER, 1.0 hp, <i>Wall Mounted</i> , changeover control panel	2	Nos		
Total to be carried forward to 8.3 SUMMARY OF PRICES						

SECTION 8.3**SUMMARY OF PRICE**

The total tender sum for the Supply, Delivery, Installation, Testing and Commissioning inclusive of six month (6 month) servicing and maintenance for the mechanical system and ancillary work is as follows :-

No.	Descriptions	Price (RM)
1	8.1 Preliminaries	
2	8.2 Air-Conditioning System	
TOTAL TO RINGKASAN TENDER :		

TOTAL (to be carried to Form Tender)

Ringgit Malaysia :

Tandatangan : _____

Nama dan : _____
(Dengan Cop) _____

Tarikh : _____

Tandatangan : _____

Nama dan : _____

Tarikh : _____

SECTION 8.4**SCHEDULE OF DELIVERY, INSTALLATION & COMMISSIONING**

The tenderer shall submit the following information ascertaining his capability to complete the work by the stipulated date:

No.	Descriptions	Period (Weeks)
1	Delivery period of equipment from award	
2	Installation period required	
3	Testing and commissioning of equipment	
Total weeks as indicated in the Form of Tender		

Tandatangan Pentender : _____

Nama dan Alamat : _____
(Dengan Cop) _____

Tarikh : _____

Tandatangan Saksi : _____

Nama dan Alamat : _____

Tarikh : _____

SECTION 8.5

SCHEDULE OF RATES FOR THE COMPREHENSIVE SERVICE AND MAINTENANCE

The tenderer is to note that the cost quoted for this shall not be included in the tender price but quoted separately in the table below and it will be binding in the event that the Government decides to accept them immediately after the guarantee period.

These rates should not be subjected to variation for the period of 3 years after the free maintenance period

The Specification for the Comprehensive Service and Maintenance is in

RATES BASED ON CONTRACT PERIOD OF THREE YEARS ONLY

For Service and Maintenance of the complete Mechanical System and Ancillary Equipment at the above premises in strict accordance with the Tender Specifications and for supply of all consumable materials as and whenever required and to provide emergency repair service during normal working hours and overtime hours as required.	Charge Per Year (RM)
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Tandatangan

:

Nama dan Alamat
(Dengan Cop)

:

Tarikh

:

Tandatangan Saksi

:

Nama dan Alamat

:

Tarikh

: