

**SUMMARY**  
**UNIT/TEAM : PPM TEAM**

**PROPOSED PROVISION OF NON-COMPREHENSIVE FIRE FIGHTING SYSTEM MAINTENANCE SERVICES  
AT THE INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), GOMBAK CAMPUS**

| ITEM                                                                                     | DESCRIPTIONS                               | AMOUNT<br>(RM) |
|------------------------------------------------------------------------------------------|--------------------------------------------|----------------|
| 1                                                                                        | TOTAL 1.0: PRELIMINARIES                   | NA             |
| 2                                                                                        | TOTAL 2.0 : CO <sub>2</sub> SYSTEM         |                |
| 3                                                                                        | TOTAL 3.0 : FIRE ALAM PANEL                |                |
| 4                                                                                        | TOTAL 4.0 : SPRINKLER SYSTEM (PUMP ROOM)   |                |
| 5                                                                                        | TOTAL 5.0 : HOSE REEL SYSTEM (HOSE & DRUM) |                |
| 6                                                                                        | TOTAL 6.0 : CO <sub>2</sub> SYSTEM: FM200  |                |
| 7                                                                                        | TOTAL 7.0 : FIRE HYDRANT SYSTEM            |                |
| 8                                                                                        | TOTAL 8.0 : HOSE REEL SYSTEM (PUMP ROOM)   |                |
| 9                                                                                        | TOTAL 9.0 : CO <sub>2</sub> SYSTEM: FE13   |                |
| 10                                                                                       | TOTAL 10.0 : WET / DRY RISER SYSTEM        |                |
| 11                                                                                       | TOTAL 11.0 SMOKE SPILL FAN                 |                |
| TOTAL AMOUNT FOR 1 MONTH (RM)                                                            |                                            |                |
| SST 8%                                                                                   |                                            |                |
| GRAND TOTAL AMOUNT FOR 1 MONTH (RM)<br>(All prices quoted herein are inclusive of SST)   |                                            |                |
| TOTAL AMOUNT FOR 28 MONTHS (RM)                                                          |                                            |                |
| SST 8%                                                                                   |                                            |                |
| GRAND TOTAL AMOUNT FOR 28 MONTHS (RM)<br>(All prices quoted herein are inclusive of SST) |                                            |                |

**Remarks:**

- 1) The tendered price in this RFT ref no.: DBSB/GBK/2026/RFT/10 will be the contract price during the contract period.

THE TOTAL AMOUNT OF THE TENDER FOR 28 MONTHS IN WORDS:

**RINGGIT MALAYSIA:**

I hereby certify that all descriptions provided are accurate and that all offered prices include all costs associated with refining and fulfilling the required scope of services under this tender.

Signature of Tenderer:

Signature of Witness:

.....  
Name:

.....  
Name:

Designation:

Designation:

Date:

Date:

Company Stamp:

Company Stamp:

**BILL OF QUANTITY (BQ)**  
**UNIT/TEAM : PPM TEAM**

**PROPOSED PROVISION OF NON-COMPREHENSIVE FIRE FIGHTING SYSTEM MAINTENANCE SERVICES AT THE INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), GOMBAK CAMPUS**

| ITEM     | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | UNIT | QTY | FREQUENCY | MONTHLY PRICE (RM) | 28 MONTHS PRICE (RM) |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----------|--------------------|----------------------|
| <b>1</b> | <b><u>PRELIMINARIES</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      | L/S |           |                    |                      |
| A        | Contractor compulsory to have competency and registered with Jabatan Bomba Malaysia.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |     |           |                    |                      |
| B        | Mobilization and demobilization of personnel, equipment, support facilities and materials required to complete the work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |     |           |                    |                      |
| C        | Apply PTW (Permit To Work) details and worker pass by liaise with related authorities and DBSB representative for reporting procedure before work commencement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |      |     |           |                    |                      |
| D        | Contractor should obtain the following guideline before and after works:<br>i) Obtain valid pass for workers at DBSB office before starting the work and always display the pass during working hour.<br>ii) Workers should comply with the safety regulations and guideline imposed by Safety and Health Department of DBSB and OSHBE. Malaysian workers are required to complete 2 dose of vaccination and submit the certificate to DBSB.<br>iii) Wearing suitable PPE equipment and uniforms<br>iv) The machineries should be stored in proper space during rest time and after working hour.<br>v) To ensure all debris to be transported outside IIUM Gombak Campus and makegood of IIUM properties if any. |      |     |           |                    |                      |
|          | <b><u>i) SUPERVISOR/LEADER</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      | 1   |           |                    |                      |
|          | a) Malaysian, male age 18 years old and not exceeding 60 years old<br>c) Good communication and have leadership skills<br>d) Can speak, write, read and understand well in Malay and English<br>e) Possess own transportation and mobile phone                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |      |     |           |                    |                      |
|          | <b><u>ii) GENERAL WORKERS</u></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | 4   |           |                    |                      |
|          | a) Malaysian Male have a relevant certificate related to fire extinguisher management.<br>b) Mentally and physically fit with no criminal records, under drug abuse or under police patrol<br>c) Working age: 18 years and not exceeding 60 years old                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |     |           |                    |                      |
| E        | Insurance coverage using takaful insurance for workmanship compensation and public liability within the duration of contract. and must be submitted to DBSB before starting work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      |     |           |                    |                      |
| F        | Contractor to ensure all workers Malaysian nationality or citizenship. All foreign workers should have a valid work permit and employed by the contractor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |     |           |                    |                      |
| G        | Working days and hour for servicing and maintenance works:<br>i) Days: Monday until Friday<br>Time: 8.30AM - 5.30PM<br>Any requirement for work during Public Holiday and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |      |     |           |                    |                      |
| H        | Weekend should be informed to the Supervisor incharge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |     |           |                    |                      |

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| ITEM                                          | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | UNIT | QTY                                      | FREQUENCY                     | MONTHLY PRICE (RM) | 28 MONTHS PRICE (RM) |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------------|-------------------------------|--------------------|----------------------|
| I                                             | Reporting Procedures<br>a) The Contractor shall submit a Monthly Report for billing purposes, supported with timestamped photographs, no later than the 5th day of the following month. Failure to submit the report within the stipulated timeline shall result in a penalty and may delay the processing of the Contractor's monthly payment<br>b) Prepare report on fire fighting units for any damages found or missing.<br><i>Deduction : Reporting Submission within 5 calendar days after the end of each month. Late submission / missing timestamped photos</i> |      |                                          | Monthly<br><br>When necessary |                    |                      |
| J                                             | Performance based Deduction (PPM)<br>i) All maintenance items in this Bill shall be subject to performance monitoring. Deduction per individual asset shall be applied for any non-execution of PPM tasks within the monthly schedule.<br>ii) An additional increment factor of 0.5 on the penalty amount shall be applied for each subsequent month of non-compliance for the same asset until the work is fully executed.                                                                                                                                              |      | RM 50/day<br><br>RM 50/ individual asset |                               |                    |                      |
| K                                             | Contractor should provide basic First Aid Kits to be used during any emergencies.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                                          |                               |                    |                      |
| L                                             | Contractor should responsible any damages done to the property of IIUM Gombak or property inside the IIUM Gombak and compensate the payment if any.                                                                                                                                                                                                                                                                                                                                                                                                                      |      |                                          |                               |                    |                      |
| <b>TOTAL 1.0: PRELIMINARIES (RM)</b>          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                          |                               | <b>NA</b>          | <b>NA</b>            |
| 2                                             | <b><u>CO<sub>2</sub> System (Fire Suppression Systems)</u></b><br>a) Inspect AC 240V power supply<br>b) Inspect DC 24V battery supply<br>c) Inspect buzzer sound operation<br>d) Inspect charger unit<br>e) Test indicator lamps (red & green)<br>f) Test smoke and heat detection<br>g) Test fire curtain operation<br>h) Test flashing light, including discharge indication<br>i) Ensure the pump room is maintained in a clean condition, free from dust and dirt at all times<br>h) Inspect and test trip blanket                                                   | Nos  | 108                                      | Monthly                       |                    |                      |
| <b>TOTAL 2.0 : CO<sub>2</sub> SYSTEM (RM)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |      |                                          |                               |                    |                      |

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| ITEM                                                       | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                      | UNIT | QTY  | FREQUENCY | MONTHLY PRICE (RM) | 28 MONTHS PRICE (RM) |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-----------|--------------------|----------------------|
| 3                                                          | <b><u>Fire Alarm Panel</u></b><br>a) Inspect AC 415V power supply<br>b) Inspect standby battery supply (12V DC)<br>c) Inspect indicator lamps on the panel<br>d) Test the alarm system<br>e) Print out test results                                                                                                                                                                                                                              | Nos  | 58   | Monthly   |                    |                      |
| <b>TOTAL 3.0 : FIRE ALARM PANEL (RM)</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |           |                    |                      |
| 4                                                          | <b><u>Sprinkler System (Pump Room)</u></b><br>a) Inspect AC 415V power supply<br>b) Inspect indicator lamps on the panel<br>c) Test cut-in and cut-out operations for duty and standby pumps<br>d) Open and clean the wye strainer                                                                                                                                                                                                               | Nos  | 3    | Monthly   |                    |                      |
| <b>TOTAL 4.0 : SPRINKLER SYSTEM (PUMP ROOM) (RM)</b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |           |                    |                      |
| 5                                                          | <b><u>Hose Reel System (Hose &amp; Drum)</u></b><br>a) Inspect water pressure at the hose reel<br>b) Inspect hose condition<br>c) Inspect hose reel drum<br>d) Inspect hose clip and nozzle<br>e) Inspect gate valve<br>f) Report any defects or damages observed                                                                                                                                                                                | Nos  | 1618 | Monthly   |                    |                      |
| <b>TOTAL 5.0 : HOSE REEL SYSTEM (HOSE &amp; DRUM) (RM)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |           |                    |                      |
| 6                                                          | <b><u>CO2 System: FM200</u></b><br>a) Inspect the main CO2 system panel.<br>b) Check the 240V AC power supply.<br>c) Check the 24V DC unit battery.<br>d) Inspect and test the smoke detectors.<br>e) Inspect and test the gas discharge device.<br>f) Inspect and test the CO2 cylinders.<br>g) Inspect and test the flashing light indicators.<br>h) Inspect and test the trip blanket.<br>i) Ensure the pump room is kept clean and free from | Nos  | 3    | Monthly   |                    |                      |
| <b>TOTAL 6.0 : CO2 SYSTEM: FM200 (RM)</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |      |           |                    |                      |

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| ITEM                                        | DESCRIPTION                                                                                                                                                                                                  | UNIT | QTY | FREQUENCY | MONTHLY PRICE (RM) | 28 MONTHS PRICE (RM) |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----------|--------------------|----------------------|
| 7                                           | <b><u>Fire Hydrant System</u></b><br>a) Clean the interior and exterior areas.<br>b) Check water discharge from the hydrant pillar.<br>c) Perform testing on the gate valve.<br>d) Paint the hydrant pillar. | Nos  | 201 | Monthly   |                    |                      |
| <b>TOTAL 7.0 : FIRE HYDRANT SYSTEM (RM)</b> |                                                                                                                                                                                                              |      |     |           |                    |                      |

|   |                                                                                                                                                                                                             |     |    |         |  |  |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|---------|--|--|
| 8 | <b><u>Hose Reel System (Pump Room)</u></b><br>a) Check the 415V AC power supply.<br>b) Inspect the indicator lamps on the panel.<br>c) Test the cut-in and cut-out functions of the duty and standby pumps. | Nos | 34 | Monthly |  |  |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|---------|--|--|

**TOTAL 8.0 : HOSE REEL SYSTEM (PUMP ROOM) (RM)**

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |   |         |  |  |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|---------|--|--|
| 9 | <b><u>CO2 System: FE13</u></b><br>a) Inspect the main CO2 system panel.<br>b) Check the 240V AC power supply.<br>c) Check the 24V DC unit battery.<br>d) Inspect and test the smoke detectors.<br>e) Inspect and test the gas discharge device.<br>f) Inspect and test the CO2 cylinders.<br>g) Inspect and test the flashing light indicators.<br>h) Inspect and test the trip blanket.<br>i) Ensure the pump room is kept clean and free from dust and debris at all times. | Nos | 3 | Monthly |  |  |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|---------|--|--|

**TOTAL 9.0 : CO2 SYSTEM: FE13 (RM)**

|    |                                                                                                                                                                                              |  |         |                    |  |  |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--------------------|--|--|
| 10 | <b><u>Wet/Dry Riser System</u></b><br>a) Inspect all landing valves to ensure there are no leaks or corrosion.<br>b) Inspect all breeching inlets to ensure there are no leaks or corrosion. |  | 10<br>7 | Monthly<br>Monthly |  |  |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--------------------|--|--|

**TOTAL 10.0 : WET / DRY RISER SYSTEM (RM)**

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| ITEM                                   | DESCRIPTION                                                                                                                                                                                                                                                                                                                                 | UNIT | QTY | FREQUENCY | MONTHLY PRICE (RM) | 28 MONTHS PRICE (RM) |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----------|--------------------|----------------------|
| 11                                     | <b>Smoke Spill Fan</b><br><br>a) Conduct a physical inspection of the fan, its supporting structure, and the condition of the fan blades.<br><br>b) Inspect and test the control panel, including all indicator lights, fuses, and wiring system.<br><br>c) Perform a test run to ensure the motor operates smoothly without unusual noise. | Nos  | 32  | Monthly   |                    |                      |
| <b>TOTAL 11.0 SMOKE SPILL FAN (RM)</b> |                                                                                                                                                                                                                                                                                                                                             |      |     |           |                    |                      |

**JADUAL KADAR HARGA**  
UNIT/TEAM : PPM TEAM

**PROPOSED PROVISION OF NON-COMPREHENSIVE FIRE FIGHTING SYSTEM MAINTENANCE  
SERVICES AT THE INTERNATIONAL ISLAMIC UNIVERSITY MALAYSIA (IIUM), GOMBAK CAMPUS**

| ITEM     | DESCRIPTION                                                              | UNIT | QTY | PRICE (RM) |
|----------|--------------------------------------------------------------------------|------|-----|------------|
| <b>A</b> | <b>FIRE FIGHTING SYSTEM PRICE LIST</b>                                   |      |     |            |
|          | <b><u>Hose Reel Sistem</u></b>                                           |      |     |            |
| 1        | Membekal dan memasang drum <i>hose reel</i> lengkap dengan <i>hose</i> & | Nos. | 1   |            |
| 2        | Membekal dan memasang <i>drum</i>                                        | Nos. | 1   |            |
| 3        | Membekal dan memasang <i>rubber hose</i>                                 | Nos. | 1   |            |
| 4        | Membekal dan memasang <i>nozzle</i> plastic lengkap dengan 0' ring       | Nos. | 1   |            |
| 5        | Membekal dan memasang ball valve 1"                                      | Nos. | 1   |            |
| 6        | Membekal dan memasang ball valve 2"                                      | Nos. | 1   |            |
| 7        | Membekal dan memasang check valve 2"                                     | Nos. | 1   |            |
|          | <b><u>CO2 Panel</u></b>                                                  |      |     |            |
| 1        | Membekal dan memasang battery 12V 7.2AH for substation LV & HT           | Nos. | 1   |            |
| 2        | Membekal dan memasang CO2 panel jenis 2 zone                             | Nos. | 1   |            |
| 3        | Membekal dan memasang CO2 panel jenis 4 zone                             | Nos. | 1   |            |
| 4        | Membekal dan memasang bateri 12v/7.2 AH                                  | Nos. | 1   |            |
| 5        | Membekal dan memasang charger kad baru                                   | Nos. | 1   |            |
| 6        | Membekal dan memasang alarm bell                                         | Nos. | 1   |            |
| 7        | Membekal dan memasang head and smoke detector                            | Nos. | 1   |            |
| 8        | Membekal dan memasang flashing light                                     | Nos. | 1   |            |
|          | <b><u>Exit light</u></b>                                                 |      |     |            |
| 1        | Membekal dan memasang exit light (LED) & pemasangan                      | Nos. | 1   |            |
|          | <b><u>Bateri Sistem CO2 dan Diesel Pump</u></b>                          |      |     |            |
| 1        | 12v/7.2 AH                                                               | Nos. | 1   |            |
| 2        | 12V/12AH                                                                 | Nos. | 1   |            |
| 3        | 12V/40AH                                                                 | Nos. | 1   |            |
| 4        | 12V/65AH                                                                 | Nos. | 1   |            |

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| ITEM | DESCRIPTION | UNIT | QTY | PRICE (RM) |
|------|-------------|------|-----|------------|
|------|-------------|------|-----|------------|

I hereby certify that all descriptions provided are accurate and that all offered prices include all costs associated with refining and fulfilling the required scope of services under this tender.

Signature of Tenderer:

Signature of Witness:

.....

.....

Name:

Name:

Designation:

Designation:

Date:

Date:

Company Stamp:

Company Stamp: