: PENAMBAHAN DAN PENAMBAHBAIKAN 'FIBER OPTIC' BAGI SISTEM RANGKAIAN DI PERKHEMAHAN MUARA,

TENTERA LAUT DIRAJA BRUNEI (TLDB)

Project Ref : MINDEF/DFA/FY2025/DITU/TA/03

ANNEX A

PRICE INFORMATION SCHEDULES

SCHEDULE 1: PRICE SUMMARY AND TERMS OF PAYMENT

Tenderers shall set out in this Schedule:

- Price Summary including the breakdown of the overall Tender Price stated in the Tender Form and any other terms of payment. The breakdown shall be detailed in the following format according to the summary of items and quantities required in the Tender. The price shall include any labour charges, custom tax and with holding tax.
- 2. Payment will be made locally and in Brunei Dollars. Payment shall be made in accordance with the provisions in the Contract.

ITEM	DESCRIPTION	QTY	UNIT PRICE B\$	TOTAL PRICE B\$
1	Supply, delivery, install, configure, test and commissioning of single mode fiber for Muara Camp with the following scope of work: a) Construct and install new Outdoor Cabinet near MRS (400m) with 144-core fiber optic cable from Muara TLDB Exchange with the following setup:	01 LOT		
	 12 cores from Outdoor Cabinet to Mess Pegawai (500m). 12 cores from Outdoor Cabinet to Mess Sarjan 			
	 (230m). 12 cores from Outdoor Cabinet to MRS/Dental (70m). 			
	 24 cores from Outdoor Cabinet to Markas Pangkalan (360m). 12 cores from Outdoor Cabinet to EMS (80m). 			
	 12 cores from Outdoor Cabinet to Bomba (300m). 			
	 12 cores from Outdoor Cabinet to LAD (200m). 12 cores from Outdoor Cabinet to Stor Kenderaan/MT (400m). 			CHAMAN NEGA

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ITEM	DESCRIPTION	QTY	UNIT PRICE B\$	TOTAL PRICE B\$
	 12 cores from Outdoor Cabinet to Breathing Apparatus Workshop (250m). 			
	 12 cores from Outdoor Cabinet to Fleet Office (450m). 			
	Specifications for Outdoor Cabinet:			
	- Fiber optic model is G625D (single mode).			
	 Must be sufficient for 288 cores with UPC/SC panel for 144 cores incoming from Muara TLDB Exchange and 144 cores outgoing to specific buildings. 			
	 Install span deck roof 3 ft space and concrete base 3 ft clear at front. 			
	- ODF connectors using UPS/SC panel.			
	 Supply 144 pcs of 3m simplex patch cord for SC/SC UPC for outdoor cabinets. 			
	 Supply 144 pcs of 20m simplex patch cord for SC/LC UPC for ODF to Core Switch. 			
	b) Construct and install new Outdoor Cabinet near Technical Library (150m) with 144-core fiber optic cable from Muara TLDB Exchange with the following setup:	01 LOT		
	 24 cores from Outdoor Cabinet to Pejabat Pertahanan Pangkalan (Base Defence) (150m). 			
	 12 cores from Pejabat Pertahanan Pangkalan (Base Defence) ground floor to Pejabat Pasukan Polis (RP) first floor (100m). 			
	 12 cores from Outdoor Cabinet to Armskote (80m). 			
	 12 cores from Outdoor Cabinet to UAS/Drone (110m). 			
	 12 cores from Outdoor Cabinet to Weapon (200m). 			E THURST

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ITEM	DESCRIPTION	QTY	UNIT PRICE B\$	TOTAL PRICE B\$
	 12 cores from Outdoor Cabinet to Sel Inspektoriat / Engineer (290m). 			
	 12 cores from Outdoor Cabinet to Diving (320m). 12 cores from Outdoor Cabinet to Jetty Alpha (340m). 			
	 12 cores from Outdoor Cabinet to Bravo Store (450m). 			
	 Specifications for Outdoor Cabinet: 			
	- Fiber optic model is G625D (single mode).			
	 Must be sufficient for 288 cores with UPC/SC panel for 144 cores incoming from Muara TLDB Exchange and 144 cores outgoing to specific buildings 			
	 Install span deck roof 3 ft space and concrete base 3 ft clear at front. 	_		
	 ODF connectors using UPS/SC panel. 			
	 Supply 144 pcs of 3m simplex patch cord for SC/SC UPC for outdoor cabinets. 			
_ = [Supply 144 pcs of 20m simplex patch cord for SC/LC UPC for ODF to Core Switch. 			

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ITEM		DESCRIPTION	QTY	UNIT PRICE B\$	TOTAL PRICE B\$
	, i	Construct and install new Outdoor Cabinet near Pejabat Gaji (200m) with 144-core fiber optic cable from Muara TLDB Exchange with the following setup:	01 LOT		
	•	 12 cores from Outdoor Cabinet to Pejabat Gaji (60m). 			
		 12 cores from Outdoor Cabinet to Markas Comms N6 (150m). 			
	•	 12 cores from Outdoor Cabinet to Pejabat Rekod (170m). 			
	•	 24 cores from Outdoor Cabinet to Markas TLDB (250m) 			
	•	 12 cores from Outdoor Cabinet to Bangunan Markas RPK Lama (300m). 			
	•	 12 cores from Outdoor Cabinet to Workshop Nav 6 (120m). 			
		 Specifications for Outdoor Cabinet: 			
		- Fiber optic model is G625D (single mode).			
		 Must be sufficient for 288 cores with UPC/SC panel for 144 cores incoming from Muara TLDB Exchange and 144 cores outgoing to specific buildings. 			
		 Install span deck roof 3 ft space and concrete base 3 ft clear at front. 			
		- ODF connectors using UPS/SC panel.			
		 Supply 144 pcs of 3m simplex patch cord for SC/SC UPC for outdoor cabinets. 			
		 Supply 144 pcs of 20m simplex patch cord for SC/LC UPC for ODF to Core Switch. 			

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ITEM		DESCRIPTION	QTY	UNIT PRICE B\$	TOTAL PRICE B\$
	d)	Construct and install new Outdoor Cabinet (4) near Surau (400m) with 144-core fiber optic cable from Muara TLDB Exchange with the following setup:	01 LOT		
		 12 cores from Outdoor Cabinet to Logistic (Terhad) (70m). 			
		• 12 cores from Outdoor Cabinet to Surau (50m).			
		 12 cores from Outdoor Cabinet to Guard Post (170m). 			
		 12 cores from Outdoor Cabinet to Quartermaster (300m) 			
		 12 cores from Outdoor Cabinet to QM Store (410m). 			
		 Specifications for Outdoor Cabinet: 			
		- Fiber optic model is G625D (single mode).			
		 Must be sufficient for 288 cores with UPC/SC panel for 144 cores incoming from Muara TLDB Exchange and 144 cores outgoing to specific buildings. 			
		 Install span deck roof 3 ft space and concrete base 3 ft clear at front. 			
		- ODF connectors using UPS/SC panel.			
		 Supply 144 pcs of 3m simplex patch cord for SC/SC UPC for outdoor cabinets. 			
		 Supply 144 pcs of 20m simplex patch cord for SC/LC UPC for ODF to Core Switch. 			



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ITEM		DESCRIPTION	QTY	UNIT PRICE B\$	TOTAL PRICE B\$
	e)	Construct and install new Outdoor Cabinet near Markas Bantu (400m) with 144-core fiber optic cable from Muara TLDB Exchange with the following setup:	01 LOT		
		 12 cores from Outdoor Cabinet to Markas Bantu (100m). 			
		 12 cores from Outdoor Cabinet to Utilities (200m). 			
		 12 cores from Outdoor Cabinet to MMS/Hangar (300m). 			
		 24 cores from Outdoor Cabinet to Armada (300m). 			
		 Specifications for Outdoor Cabinet: 			
		- Fiber optic model is G625D (single mode).			
		 Must be sufficient for 288 cores with UPC/SC panel for 144 cores incoming from Muara TLDB Exchange and 144 cores outgoing to specific buildings. 			
		 Install span deck roof 3 ft space and concrete base 3 ft clear at front. 			
		 ODF connectors using UPS/SC panel. 			
		 Supply 144 pcs of 3m simplex patch cord for SC/SC UPC for outdoor cabinets. 			
		 Supply 144 pcs of 20m simplex patch cord for SC/LC UPC for ODF to Core Switch. 			

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	(f) Construct and install new Outdoor Cabinet near JPTM (800m) with 144-core fiber optic cable from Muara TLDB Exchange with the following setup:	01 LOT		
	 12 cores from Outdoor Cabinet to Cook House (340m). 			
	 12 cores from Outdoor Cabinet to Hygiene (300m). 			
	 12 cores from Outdoor Cabinet to PPA (90m). 			
	 12 cores from Outdoor Cabinet to Gym (170m). 			
	 48 cores from Outdoor Cabinet to PLTL (800m). 			
	 Specifications for Outdoor Cabinet: 			
	 Fiber optic model is G625D (single mode). 			1
	 Must be sufficient for 288 cores with UPC/SC panel for 144 cores incoming from Muara TLDB Exchange and 144 cores outgoing to specific buildings. 			
	 Install span deck roof 3 ft space and concrete base 3 ft clear at front. 			
	 ODF connectors using UPS/SC panel. 			
	 Supply 144 pcs of 3m simplex patch cord for SC/SC UPC for outdoor cabinets. 			
	 Supply 144 pcs of 20m simplex patch cord for SC/LC UPC for ODF to Core Switch. 			
2	Supply, delivery, install and configure of Smart Rack with the following specifications:	39 UNITS		
	a) Standing 24U c/w 12 core UPC/SC panel and cable management.			
	b) Enhanced security features such as electronic locks and access control.			
	c) Power management and coolant fan.			
	d) 3 years warranty (inclusive of hardware, software and support).			Mar Personal Control of the Control

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ITEM	DESCRIPTION	QTY	UNIT PRICE B\$	TOTAL PRICE B\$
3	Network Cabling Works: a) Dismantle, relocate and reinstall all fiber, ethernet cable and all network equipment to new smart rack, including fiber re-splicing works where necessary.	39 SITES		
	b) Dismantle and remove all fiber, ethernet cable and all network equipment (CQBR/RPK, Technical Library & Vanguard).	03 SITES		
	c) Labelling of fiber optic panel and patch cord.			
	d) Remove and clear unused LAN cables, fiber and in buildings.			
4	Civil and Works:	01		
	 a) Tidy all previous network cables and fiber using casing or conduits. 	LOT		
	b) Close any holes into fiber optic panel to protect from pests.			
	c) Clean all manholes from mud, rubbish etc. (90 ea).			
5	Documentation:	01		
	Hardcopy and softcopy documentation inclusive of, without limitation:	LOT		
	a) OTDR testing for both end 1310nm and 1550nm with print out report.			
	b) Power Meter/Light source testing for both end 1310nm and 1550nm.			
	c) Single line fiber connection diagram and Schematic diagram.			
	d) Tagging all fibers in the manhole.			
	e) Accurate cables and manhole distance and pathway drawing in Auto Cad or Visio format (Updating existing drawing).			THAIAN M

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ITEM	DESCRIPTION	QTY	UNIT PRICE B\$	TOTAL PRICE B\$
6	Tenderers are required to attach: a) FTTH Certificate for Fiber Optic Splicing and Management (Main Contractor or Sub Contractor). b) Catalogue and technical specification.			
	GRAND TO	TAL (B\$)		

NOTE:

- The Government reserves the right to give PARTIAL AWARD.
- The Government may accept the whole or any item(s) of tender.
- The Price quotes need to be maintained in items of partial award.
- SPECIFICATIONS AND CATALOGUE MUST BE SUBMITTED AND CLEARLY LABELED.

