



سولوسي جورترا، لوكيستك دان لاتيهن بروني
Brunei Engineering, Logistics and Training Solutions

Annex A

Requirements and Specifications

FOR

THE EXPANSION OF BELTS VEHICLE WORKSHOP

TENDER REFERENCE: **BELTS/WKSPEXP/2025**

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Ser	Requirement
1	Infrastructure
1.1	Servicing Bays
1.1.1	Construction of Two (2) new servicing bays at locations Zone 9 and Zone 8 with the minimum provisions for each bay:
i)	One (1), double socket electrical power point
ii)	Supply and install One (1) 3-phase electrical socket each at Zone 3 and Zone 4
iii)	Electrical lighting sufficient for technicians to carry out servicing works during day or night
iv)	One (1) Water tap, with complete piping works
v)	Appropriate hazard warning signages such as "Moving Vehicle", etc.
1.1.2	The size of the bay should be no less than the following dimensions:
i)	Zone 8: 5.5m x 12m x 6.5m (w x l x h)
ii)	Zone 9: 5.5m x 11.5m x 6.5m (w x l x h)
1.1.3	The new servicing bays shall be of a sheltered type, complete with durable roofing system.
1.1.4	Flooring should be of non-slip material, painted according to colors approved by BELTS for indicating walkway and operation zones. The walkway zone should be no less than 0.8m wide.
1.1.5	The floor shall be designed and constructed to withstand the static and dynamic loads of vehicles weighing up to 26,000 kg.
1.2	POL Storage
1.2.1.	Construction of One (1) new Petroleum, Oil and Lubricants (POL) storage building with the following requirements:
i)	Dimensions should be no less than 5m x 3.1m x 4m (w x l x h)
ii)	Constructed of non-flammable materials
iii)	Designed with natural ventilation to prevent vapor build up
iv)	Clear hazard signages: "FLAMMABLE", "NO SMOKING", etc., wherever appropriate
v)	Emergency exit signage and lighting
vi)	Explosion-proof electrical lighting and switches
vii)	The Contractor shall provide four (4) collection trays suitable for use with oil drums, designed to contain leaks, spills, or drips during storage or dispensing.
1.2.2	New POL store shall be constructed next to existing POL store, isolated from the rest of the workshop

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1.2.3	The Contractor shall provide all necessary services to safely relocate the existing gas cylinder storage facility to a new location, as designated by BELTS, in order to clear the area for the construction of the new POL building.
1.3	Inspection Pit
1.3.1.	The Contractor shall construct an inspection pit with the following minimum specifications:
i)	The inspection pit shall be designed to accommodate vehicles with minimum dimensions of 2.5m × 10m × 3.22m (w x l x h), with additional length allowance to enable safe and unobstructed exit in the event of an emergency.
ii)	The inspection pit shall be able to accommodate for a vehicle weighing no less than 26,000 kg
1.3.2	The inspection pit shall have a depth between (xm - xm), subject to ergonomic and safety assessment
1.3.3.	The inspection pit shall be fitted with the following:
i)	Anti-slip steps access on each end, for safety and emergency exit
ii)	Non-slip floor
iii)	Protective edge barriers around the pit to prevent accidental falls
iv)	suitable, explosion-proof lighting inside the pit, recessed in the pit walls
v)	A drainage system to drain and collect spills with a removable tank for easy cleaning
vi)	Two (2) Electrical power points at each end of the pit
1.4	Power Points
1.4.1	Supply and install Two (2) electrical power points each at Zone 3 and Zone 4, with Universal 3-pin socket type
1.4.2	Supply and install One (1) 3-phase electrical socket each at Zone 3 and Zone 4
1.4.3	The power points shall have suitable, industry rated capacity for use of heavy equipment or specialised devices
1.5	Heavy Equipment Cage Storage
1.5.1	The Contractor shall design, supply and install One (1) industrial-grade steel cage in Zone 10, suitably designed for storage of heavy equipment
1.5.2	All parts of the cage shall be of corrosion-resistant material
1.5.3	The cage shall be have dimensions of no less than 5m x 4.8m x 4m (w x l x h)
1.5.4	The cage door shall be of sliding-type with recessed railings, lockable using heavy-duty Hasp lock (welded)
1.5.5	The entrance of the cage door shall be 2m wide
1.5.6	The cage door shall be of sliding type, equipped with recessed railings to ensure smooth operation and prevent obstruction.
1.5.7	The door shall be securely lockable using a heavy-duty welded hasp lock mechanism.
1.5.8	The cage must not obstruct fire exits, emergency access, or general building movement pathways
2	Paperwork and Documentation

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2.1	The Contractor shall facilitate the application and processing permits of relevant local regulatory authorities such as ABCi, BFRD, SHENA and/or DES to ensure the proposal adheres to the local standards and guidelines
2.2	The Contractor shall submit all necessary documentation regarding the new layout for ease of reference. The documentation should at least include the following:
i)	Electrical Diagram Layout
ii)	Workshop Layout Drawing
iii)	Any necessary Operation or Maintenance manuals
3	Warranty
3.1	All superstructures and systems supplied shall have a Warranty of no less than One (1) year
4	Roller Shutter - OPTIONAL
4.1	The Contractor shall supply and install Roller Shutter, including relevant accessories:
i)	Supply and install Two (2) units of roller shutter measuring no less than 166"H x 23"L
ii)	Supply and install Thirteen (13) units of roller shutter measuring no less than 166"H x 188"L
4.2	To provide option for manually operated or auto operated roller shutter