

1. SCOPE

This section presents a high level Statement of Work (SOW) for the decommissioning of old UPS and batteries, supply, delivery, installation, commissioning and integration of new UPS and batteries at Armscor HQ. **The project shall be completed and handed over to the client within a period of 8 months after Receipt of an Order.**

1.1 Item 1: Preliminary and Generals (P&G's)

Task Description	This task shall provide for P&G's
Inputs	Formal contract
Minimum task description.	<p>The Bidder shall provide for:</p> <ol style="list-style-type: none">1. Site establishment.2. A health and safety file.3. Safety management in accordance with the Occupational Health & Safety Act 85 of 1993 and Annexure A & B of this RFB.4. Rigging & handling.5. Public liability cover.6. Site de-establishment.
Deliverables	<ol style="list-style-type: none">1. Established site.2. Safety file.
Acceptance criteria	<ol style="list-style-type: none">1. Approval by safety officer.
Frequency	Once off

1.2 Item 2: Project Management

Task Description	This task shall provide for project management.
Inputs	The formal contract.
Minimum task description.	<p>The Bidder shall address the following:</p> <ol style="list-style-type: none">1. Risk management.2. Progress on the project.3. And all the other required project management related activities.
Deliverables	<ol style="list-style-type: none">1. Minutes of the meetings.2. Progress report.3. Risk register.
Frequency	As per the project schedule

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Table 1 and 2 below provides for the minimum technical/products specifications of the required equipment.

1.1 MINIMUM TECHNICAL SPECIFICATIONS FOR UPS

ITEM	DESCRIPTION AND MINIMUM REQUIREMENTS
4	The UPS system shall:
	1.1 Have an output power of 300kVA.
	1.2 Have a rated input voltage of 220V/380V ; 230/400V.
	1.3 Be a three (3) phase + neutral.
	1.4 Have a voltage tolerance of $\pm 15\%$ on input voltage.
	1.5 Have a rated input/output frequency of 50Hz or 60Hz.

Table 1: Minimum technical specifications for UPS

1.2 MINIMUM TECHNICAL SPECIFICATIONS FOR BATTERIES

ITEM	DESCRIPTION AND MINIMUM REQUIREMENTS
5	The Batteries system shall:
	1.1 Have a backup time of at least 480 minutes at 75% load
	1.2 Come with applicable battery stands/cabinets.

Table 1: Minimum technical specifications for batteries

No	CRITICAL CRITERIA
1	<p>The bidder shall attend a compulsory bidders briefing session and site visit.</p> <p>Evidence Required: The bidder shall complete and sign attendance register which shall be used as proof of attendance.</p>
2	<p>The bidder shall have minimum CIDB registration level of 6 EB.</p> <p>Evidence Required: The bidder shall submit, with the bid, a valid CIDB registration status.</p>
3	<p>The bidder shall be in good standing with the Compensation Commissioner in terms of the Compensation of Occupational Injuries and Disability Act (COIDA).</p> <p>Evidence Required: The bidder shall submit a valid COIDA certificate issued by the Department of Employment and Labour or any other agency accredited by the Department of Employment and Labour.</p>
4	<p>The bidder shall allocate a SACPCMP registered Professional Construction Project Manager or ECSA (electrical) registered professional engineer to lead project team.</p> <p>Evidence Required: The bidder shall submit a valid copy of SACPCMP or ECSA registration for the allocated project manager or professional construction project manager.</p>
5	<p>The bidder shall have completed an installation of an Uninterrupted Power Supply (UPS) system of at least 100kVA.</p> <p>Evidence required: The bidder shall submit, with the bid, reference letter(s) or completion certificate (s), from current or previous client(s) indicating that the bidder has carried out installation work for UPS system.</p> <p style="padding-left: 40px;">a. The bidder shall submit at least one (1) client reference letter on the client letterhead indicating installation of UPS.</p> <p>OR</p> <p style="padding-left: 40px;">b. Submit a completion certificate issued by Client or Principal Agent or Main Contractor indicating installation of UPS.</p> <p>Note: Should the completion certificate not indicate the installation UPS /s, then additional supporting documents confirming installation of UPS, issued by the Client or Principal Agent or Main Contractor shall be submitted.</p>
6	<p>The bidder shall comply with Section B SOW and Appendix B of the RFB.</p> <p>Evidence required: The bidder shall submit, with the bid their proposed UPS and battery solution and complete in full Appendix B of the RFB.</p>