

TECHNICAL EVALUATION CRITERIA
SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND CERTIFICATION OF ELECTRIC HOISTS FOR BAYHEAD WAGONS
Technical Specification: OPS_MDW_BYD_SPEC_001 | Bayhead Wagons

1. MANDATORY / GATEKEEPER REQUIREMENTS

The following requirements shall be evaluated on a Pass/Fail basis before weighing technical scoring. Failure to submit or demonstrate any requirement identified as mandatory shall render the bid technically non-responsive and the bid shall not proceed to weighted evaluation, subject to the procurement rules applicable to the event.

#	Mandatory Requirement	Pass/Fail Criterion	Evidence Required
M1	Valid electrical contractor registration and registered person	The service provider responsible for installation work shall provide current evidence of registration appropriate to the electrical installation work and identify the registered person responsible for inspection/testing and certification.	Valid registration evidence; registered-person details and registration number; subcontracting arrangement where applicable.
M2	Core electrical characteristics and safety features	Proposed hoists shall be suitable for 400 V AC nominal, 3-phase, 50 Hz and provide minimum 3 m hook travel; fail-safe brake; overload protection; upper/lower limits; wired pendant with emergency stop; and industrial-duty suitability for the stated operating profile.	OEM datasheets/manuals clearly confirming each parameter. Any deviation shall be declared.
M3	Electrical CoC and statutory handover commitment	Bidder shall commit to applicable electrical inspection/testing, Certificate of Compliance, lifting-machine certification, as-built drawings and handover documentation before acceptance.	Signed undertaking and proposed quality/commissioning dossier index.

2. WEIGHTED TECHNICAL EVALUATION

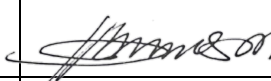
Only bids that pass all mandatory requirements above proceed to the weighted evaluation.

#	Category	Criteria	Weighting	Scoring Methodology, Including Weighted Points	Detailed Evidence Required
1	Compliance with Technical Specification	The bidder shall demonstrate detailed compliance with OPS_MDW_BYD_SPEC_001 for the complete electric-chain-hoist installation. Evaluation includes: • 12 x 500 kg and 6 x 1,000 kg hoists; • 3 m minimum hook travel; • industrial duty appropriate to approximately 8 h/day workshop service; • lifting performance; • brakes; • overload and travel protection; • pendant/E-stop; • chain, hooks and suspension; • electrical ratings; • new DB allocation for all 18 hoists; • feeder and protection philosophy; underground conduit infrastructure for all six stations; • concrete-floor drilling; • initial cabling to Stations 4-6; reserved future circuits for Stations 1-3; • earthing; testing; • certification; • documentation and warranty.	40 Points	40 points: 100% compliance with all evaluated technical requirements and complete supporting evidence. 32 points: 80% to less than 100% compliance. 24 points: 60% to less than 80% compliance. 16 points: 40% to less than 60% compliance. 8 points: 20% to less than 40% compliance. 0 points: Less than 20% compliance, insufficient technical information, or compliance cannot be established.	1. Completed clause-by-clause compliance schedule referencing OPS_MDW_BYD_SPEC_001. 2. OEM make, model, part number and datasheets for 500 kg and 1,000 kg hoists. 3. OEM evidence of rated capacity, 6 m minimum travel, lifting speed, supply voltage, motor FLC/starting data, IP rating and Class F minimum insulation. 4. OEM duty classification, permissible starts/hour and/or duty cycle demonstrating suitability for approximately 8 h/day industrial workshop service. 5. Technical evidence for brake, overload device, upper/lower limits, pendant controls and emergency stop. 6. Proposed DB general arrangement/schedule showing 12 x 500 kg + 6 x 1,000 kg allocated ways and spare capacity. 7. Preliminary SLD, feeder/protection philosophy and proposed cable sizes. 8. Underground conduit and concrete-floor drilling/core-drilling methodology for all six stations. 9. Initial cable schedule for Stations 4-6 and reserved-circuit arrangement for Stations 1-3. 10. Earthing/bonding, testing, certification and commissioning methodology. 11. Warranty and deviation schedule.

2	Company Previous Experience	Relevant experience shall involve successfully completed projects/contracts for the supply and installation of electric chain hoists, lifting machinery, crane/hoist electrical systems, industrial three-phase distribution boards, motor circuits, workshop electrical infrastructure, underground/ducted cable systems, or comparable industrial lifting installations. The reference should demonstrate capability in installation, testing, commissioning, certification and technical handover, not merely product resale.	25 Points	25 points: 5 or more successfully completed relevant contracts/projects. 20 points: 4 successfully completed relevant contracts/projects. 15 points: 3 successfully completed relevant contracts/projects. 10 points: 2 successfully completed relevant contracts/projects. 5 points: 1 successfully completed relevant contract/project. 0 points: No relevant completed experience or submitted evidence cannot be verified.	1. Completed Annexure A for each reference. 2. Client reference letter, completion certificate, PO/contract or other verifiable evidence. 3. Client/company name and project description. 4. Contract/PO number and value where available. 5. Commencement and completion dates. 6. Evidence that scope involved comparable hoists/lifting machinery and/or associated industrial electrical installation. 7. Confirmation of successful completion. 8. Contact person, telephone number and/or email address. 9. Multiple POs forming the same underlying project will be treated as one reference unless shown to be independent contracts.
3	Project Execution Methodology and Technical Resources	The bidder shall demonstrate a practical methodology for site verification, structural/suspension checks, existing-DB capacity verification, design calculations, scanning before drilling, concrete floor drilling/core drilling, underground conduit installation across all six stations, cable pulling to Stations 4-6, DB installation, circuit identification, testing, load testing, commissioning and handover. The bidder shall identify appropriately competent electrical and lifting-machinery resources.	20 Points	20 points: Comprehensive project-specific methodology covering all required work stages, interfaces, controls and competent resources. 16 points: Good methodology covering most stages with only minor omissions. 12 points: Adequate methodology covering key stages but with notable detail gaps. 8 points: Basic/generic methodology with significant project-specific omissions. 4 points: Very limited methodology/resource information. 0 points: No acceptable methodology/resources submitted.	1. Project-specific method statement and work breakdown. 2. Organization chart and key personnel responsibilities. 3. Electrical design/registered-person resource details. 4. Lifting machinery inspection/testing resource or proposed LME/LMI arrangement. 5. Concrete scanning and drilling/core-drilling method, including protection of reinforcement/concealed services. 6. Underground conduit installation and reinstatement methodology. 7. DB installation, labelling and lock-out/isolation approach. 8. Inspection and test plan / commissioning checklist. 9. Quality controls and handover dossier structure.

4	Programme and Delivery / Installation Capability	The bidder shall submit a firm, logic-linked programme covering design verification, OEM procurement, site establishment, DB manufacture/procurement, floor scanning, approved concrete drilling/core drilling, conduit infrastructure for all six stations, hoist installation, initial branch-cable installation to Stations 4-6, testing, load testing, certification and handover. Microsoft Project format is preferred/required where stipulated in the tender returnable. The committed completion period shall be measured from the official Purchase Order or written instructions to proceed.	15 Points	15 points: Complete project within 8 weeks or less. 12 points: More than 8 weeks and up to 10 weeks. 9 points: More than 10 weeks and up to 12 weeks. 6 points: More than 12 weeks and up to 14 weeks. 3 points: More than 14 weeks and up to 16 weeks. 0 points: Exceeds 16 weeks, no firm commitment, or programme is insufficient to establish delivery capability.	1. Signed committed programme and completion period. 2. Procurement/manufacturing lead times for hoists and DB. 3. Site-verification/design-calculation activities. 4. Concrete scanning/drilling and underground conduit activities. 5. Installation sequence for all hoists and initial cables to Stations 4-6. 6. Testing, load testing, certification, training and handover milestones. 7. Resource loading or resource plan appropriate to the programme. 8. Confirmation of off-loading, installation access and required shutdown/interface assumptions.
		TOTAL WEIGHTING	100 POINTS		
		TECHNICAL THRESHOLD	70 POINTS		

Approval of the Technical Evaluation Criteria

Name and surname	Designation	Signature and date
Siyabonga Hlongwane	Technician In Training (TIT) - FIM	 09/10/2026
Sibongiseni Thusini	Act. Superintendent - FIM	 09/10/2026
Sphamandla Mkhwanazi	Plant Engineer – Container Corridor - FIM	 13/10/2026

Annexure A: Reference List Template

	Client/Company Name	Project Description	Project/Contract Value	Project commencement date	Project completion date	Contact Person Details			
						Name and surname	Designation	Tel No.	Company Email Address
1									
2									
3									
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