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|  | Engineering Work Request Template | Unique Identifier | 240-49104822 |
| | | Document Type | Template |
| | | Revision | 2 |
| | | Effective Date | September 2014 |
| | | Page | 1 of 2 |
| | | Technology Engineering | |
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Section A – Basic Information

| | |
|---------------------|---|
| Work Request Number | |
| Work Title | Mersey Bus Zone 275kV Replacement |
| Work Definition | <p>The scope of the Execution phase is to implement and execute the approved designs for the Mersey 275kV Bus Zone replacement comprising of the following:</p> <p>Replacement of the 275kV Phase 3 Bus Zone Scheme with a new Phase 6 Low Impedance Bus Zone Protection.</p> <p>Calculate the settings and compile the Configuration.</p> <p>Replace all the associated cables.</p> <p>Decommission and remove the old panel and cables.</p> |
| Reason for work | The project is needed to remain grid code compliant, safety compliance, plant reliability and risk score. Not executing the project will result in the improved reliability of the Mersey 275kV Bus Zone and thus the reliability of the local network; a reduction in the operating and maintenance costs. |
| Work Location | Mersey substation |

Section B - Originator Information

| | |
|-----------------|-----------------|
| Originator: | Ravi Govender |
| Department: | Secondary Plant |
| Plant Area: | East Grid |
| Date Requested: | 19 April 2022 |

Section C - Work Reference Information

| | | | | | |
|--------------------------|--------------------------------------|--|---------------------------------------|--------------------------------|------------------------------|
| Planned | | | | Yes X <input type="checkbox"/> | No <input type="checkbox"/> |
| Engineering Work Type | New work X <input type="checkbox"/> | Re-work <input type="checkbox"/> | Scope change <input type="checkbox"/> | Other <input type="checkbox"/> | |
| Engineering Work Routing | ECM <input type="checkbox"/> | Group Capital <input type="checkbox"/> | PEIC <input type="checkbox"/> | Other <input type="checkbox"/> | |
| Phase | Pre-project <input type="checkbox"/> | CRA <input type="checkbox"/> | DRA <input type="checkbox"/> | ERA X <input type="checkbox"/> | FRA <input type="checkbox"/> |
| Budget Estimate (R): | | | | | |
| Funding | | | | Yes X <input type="checkbox"/> | No <input type="checkbox"/> |
| Cost Recovery: | Cost Centre | | WBS Number | | |
| | | | C.TXL0030.E.EA.01D.\$\$.LS | | |

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|--|---|--|----------------------------------|----------------------------------|
| SAP Reference Number | Engineering Change Notification Number (ECN): | Project Code | | |
| | | C.TXL0030 | | |
| Engineering Change Request Number (ECR): | | | | |
| ECR Classification | | Level 3 <input type="checkbox"/> | Level 2 <input type="checkbox"/> | Level 1 <input type="checkbox"/> |
| Priority: | | High X <input checked="" type="checkbox"/> | Medium <input type="checkbox"/> | Low <input type="checkbox"/> |
| Required Completion Date: | 29 April 2022 | | | |


Section D - Work Preference Information

| | |
|--------------------------|---|
| COE Engagement Required: | Design work, design review, scope |
| Propose COE Discipline | Electrical |
| Propose Resource/s | Vusi Msibi |

Section E – Supporting Documentation

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|--|
| Relevant Supporting Documentation (e.g. ROC, URS, Drawings, and etc.) |
| < Mandatory –Hyperwave link of all supporting documents> |

Section F – Approval for Engineering Work Request

| Name | Designation | Date | Signature |
|-------------------------------|--------------------------|------------|---|
| Ravi Govender | Middle Manager Sec Plant | 28/04/2022 |  |

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