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|  | <h1>Line Engineering Engineering Tender Evaluation Report</h1> | Unique Id. | |
| | | Rev | 8 |
| | | Page 1 of 5 | |

| | |
|----------------------|--|
| ENQUIRY NO | |
| NAME OF BUYER | |
| NAME OF PM | |
| PROJECT | Line Lift of 400kV Transmission Power line: Kusile Zeus 400kV Line Tower 39 (old Apollo Kendal towers tower 225 and 226 -Kusile road). |
| SCOPE | Raise conductor clearance of Kusile Zeus 400kV line over the New Kusile road, by adding new 518H tower. |

| CONTRACTOR/SUPPLIER | |
|-------------------------|--|
| Name and Details | |

| | |
|--------------------------------|---|
| PURPOSE | To assess whether the above-mentioned supplier/s submitted the required technical documentation as required in the Enquiry referenced above, and that the documentation complies with the specified requirements. |
| REFERENCE DOCUMENTATION | 1. The standard for the construction of overhead powerlines (TRMSCAAC5)- 240-47172520-rev 5.2. 2. Detailed Design Report and Specification Project- LES-GP-052. Note: The list of reference documentation could vary depending on the nature of the enquiry |

| EVALUATION CRITERIA |
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| <p>The tender submission score sheet indicating the criteria to be used, the weighting of each criterion and the weighting per discipline in multidisciplinary packages shall be authorised by the relevant senior manager. The approved tender submission score sheet shall be issued with the enquiry document to be used for technical evaluation.</p> |

Notes: The score for all documents will not be exclusively based on submission; the content and quality of the documents will be considered.

Free-issue items:


- Line hardware
- Glass insulators
- Conductor fittings

Supply and installations by contractor:


- Complete towers- including all miscellaneous items for that tower (518H)
- Lifting of existing phase conductors and earth wires into suspension clamps of new towers

Comments field to be populated for all scores. If the contractor complies with all the requirements, he will achieve the maximum score for each item.


The engineering gatekeeper is 70%.

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|---|--|-------------|---|
|  | <h1 style="text-align: center;">Line Engineering Engineering Tender Evaluation Report</h1> | Unique Id. | |
| | | Rev | 8 |
| | | Page 2 of 5 | |

| QUALITATIVE EVALUATION CRITERIA | | | | | |
|--|---|----------------|------------------------------|---------|--------------------------|
| DOCUMENT REQUIREMENTS | | | WEIGHT AND SCORE % RESULT | | |
| | | | | | |
| 1. List of Suppliers and Subcontractors to be used on Different Facets | | | | | |
| Item No. | Item | Weighted (20%) | | | |
| | | Weight (W) | Actual (A) | Max (M) | Result(R) (A / M) X W |
| 1.1 | Provide a list of proposed suppliers and subcontractors for the following; Need supplier details plus Drawings of assemblies and individual components. <ul style="list-style-type: none">Towers- 518H (steel to be sourced locally)- supplier details plus drawings (1.5+1.5). | 15% | | 3 | |
| 1.2 | Provide letters of undertaking stating their willingness and availability to be involved on the project should the bidder get the project. Steel supplier confirmation - 2 | 5% | | 2 | |
| Result (R) = (A / M) X W | | Maximum : 20% | | | |
| Subsection = sum of Result (R) | | | | | |
| Comments | | | | | |
| 1.1 | | | | | |
| 1.2 | | | | | |

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|---|--|-------------|---|
|  | <h1 style="text-align: center;">Line Engineering Engineering Tender Evaluation Report</h1> | Unique Id. | |
| | | Rev | 8 |
| | | Page 3 of 5 | |

| 2. Safe work procedures and construction methodology | | | | | |
|--|--|----------------|------------|---------|-----------------------|
| Item No. | Item | Weighted (50%) | | | |
| | | Weight (W) | Actual (A) | Max (M) | Result(R) (A / M) X W |
| 2.1 | Provide safe work procedures covering all steps to be followed when the project is executed. Document must cover aspects of: 1. Outage arrangements for installation of new tower (1) 2. Installation of running blocks on existing adjacent suspension towers (1) 3. Re-connection of hardware/ conductor bundle on existing towers and removal of running blocks after new tower is clamped in (1) 4. Assembly and erection of new 518H tower taking into account the existing conductor and earth wire (1) 5. Installation of insulators and hardware (1) 6. Lifting and clamping of existing phase conductors into new suspension tower (1) 7. Lifting and clamping of existing earth wires into new suspension tower (1) | 50% | | 7 | |
| Result (R) = (A / M) X W | | Maximum : 50% | | | |
| Subsection = sum of Result (R) | | | | | |
| Comments | | | | | |
| 2.1 | | | | | |
| 2.2 | | | | | |
| | | | | | |


| | | | |
|---|--|-------------|---|
|  | <h1>Line Engineering Engineering Tender Evaluation Report</h1> | Unique Id. | |
| | | Rev | 8 |
| | | Page 4 of 5 | |

| 3. Previous experience and capability | | | | | |
|---------------------------------------|--|----------------|------------|---------|-----------------------|
| Item No. | Item | Weighted (30%) | | | |
| | | Weight (W) | Actual (A) | Max (M) | Result(R) (A / M) X W |
| 3.1 | Provide a full list of previous similar projects undertaken- must include project name, length of line, voltage, contact persons and actual tasks done on that project. <ul style="list-style-type: none">Project details supplied with actual tasks done- (5)Details of contact people provided for each project- (5) | 10% | | 10 | |
| 3.2 | Provide detailed organogram of proposed construction teams to be used for this project. Also provide detailed schedule. CV's of key personnel, like Project Manager, Site supervisor, Linemen and operators to be provided. <ul style="list-style-type: none">Organogram provided with all details- CEO, project manager, site supervisors, team leaders, workers (6)Detailed schedule provided- (3)CV of PM, Site supervisors, linemen, climbers (8) | 20% | | 17 | |
| Result (R) = (A / M) X W | | Maximum : 30 | | | |
| Subsection = sum of Result (R) | | | | | |
| Comments | | | | | |
| 3.1 | | | | | |
| 3.2 | | | | | |

| FINAL TOTAL SCORE EQUALS THE SUM OF SUBSECTIONS 1 to 3 AS A PERCENTAGE | |
|--|--|
| FINAL TOTAL PERCENTAGE OF SUBSECTIONS 1 to 3 | |

| TECHNICAL THRESHOLD |
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| For this project the Technical Threshold will be 70% |

| Overall Comments |
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|  | <h1 style="text-align: center;">Line Engineering Engineering Tender Evaluation Report</h1> | Unique Id. | |
| | | Rev | 8 |
| | | Page 5 of 5 | |

| TECHNICAL EVALUATORS | | | |
|----------------------|---------------------------|------|-----------|
| Name | Functional Responsibility | Date | Signature |
| Bharat Haridass | Senior Consultant | | |
| | | | |
| | | | |

| REVIEWED BY | | |
|-------------|-----------|------|
| | | |
| Name | Signature | Date |

| APPROVED BY | | |
|-------------|-----------|------|
| | | |
| Name | Signature | Date |