

**Project No. and Title :** 4520-NEP:SASEC Electricity Transmission and Distribution  
Strengthening Project

**OCB No. and Title:** NEA/PMD/ETDSP/NBLTL-083/84-01 Procurement of Plant for  
Design, Engineering, Supply, Construction, Erection, Testing and Commissioning of New Butwal to Lamahi  
400 kV Transmission Line

### **Addendum-III**

| <b>S.NO</b> | <b>Reference Cl. No. of the Bidding Document</b>                           | <b>Existing Provision</b>             | <b>Amended Provision</b>                                                     |
|-------------|----------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------------|
| 1           | Volume-1 Section 3, Evaluation and Qualification Criteria, Clause no 2.4.1 | EQC Clause 2.4.1 Personnel is missing | EQC Clause 2.4.1 of Section-3 of Volume-1, is supplemented as an attachment. |

The amendments/clarification/addendum issued in this document shall be treated as a part of Bidding document from here and after and shall be read with the original Bidding document and subsequently issued corrigendum documents.

For Further Details, Please Contact:



**New Butwal Lamahi 400 kV Transmission Line Project**

Transmission line and Substation Department

Project Management Directorate

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Procurement of Plant for Design, Engineering, Supply, Construction, Erection, Testing and Commissioning of New Butwal to Lamahi 400 kV Transmission Line

Section 3 – Evaluation and Qualification Criteria

2.4.1 Dedicated Specialized Staffs for Implementation Work

| For Lot-1 and Lot-2 separately |                                                         |        |                                                                                                                                                                                                                                             |
|--------------------------------|---------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S.N.                           | Key Personnel                                           | Number | Minimum Qualification and Experience                                                                                                                                                                                                        |
| 1                              | Contractor's Representative (As per GCC Clause: 17.2.1) | 1      | 12 years of project management experience in Transmission Lines with graduation/bachelor's in engineering.                                                                                                                                  |
| 2                              | Design Manager                                          | 1      | 10 years' experience in the field of Design of Transmission Lines including 400 kV Double Circuit Quad Moose or Higher rating Transmission Lines with minimum Graduate/bachelor's in engineering or science in relevant field of design.    |
| 3                              | Transmission Line Design Engineer                       | 1      | 7 years' experience in the field of Design of Transmission Lines of 400 kV Double Circuit Quad Moose or Higher rating Transmission Lines with minimum Graduate/bachelor's in engineering or science in relevant field of electrical design. |
| 4                              | Construction Manager (As per GCC Clause: 17.2.4)        | 1      | 7 years of experience in Transmission Lines Construction Supervision with Bachelor's Degree in Engineering or Science or similar field.                                                                                                     |
| 5                              | Civil Engineer, Transmission                            | 1      | 7 years of experience in Transmission Lines Construction with Degree in Civil Engineering.                                                                                                                                                  |
| 6                              | Electrical Engineer, Transmission                       | 1      | 7 years of experience in Transmission Lines Construction with Bachelor's Degree in Electrical Engineering.                                                                                                                                  |



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| 7  | GIS Mapping Expert                  | 1 | 5 years of experience in GIS Mapping with Degree in relevant field.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 8  | Surveyor                            | 1 | 7 years of experience in GIS Mapping with Bachelor's Degree in Geomatics or Similar field.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 9  | Construction Supervisor/QA Manager/ | 1 | 7 years of experience in Transmission Lines Construction with Bachelor's Degree in Engineering or Science or similar field.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 10 | Environmental and Social Manager    | 1 | <p>The Environmental and Social Manager shall have at least 10 years of experience in on site environment and social supervision and monitoring. Experience of at least five 400kV or higher voltage or construction project of similar type, location, size and scale. S/he shall have experience of construction projects receiving Multilateral funding and environment safeguard policies and requirements. S/he shall have Master's Degree in Environmental Science/Environment Management, Environmental Engineering or closely related discipline.</p> <p>*Candidates with lower years of experience and lesser number with lower voltage (132kV or above) transmission line projects but with demonstrated equivalent skills and expertise will also be considered.</p> |



*[Handwritten signature]*

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| 11 | Health and Safety Manager                  | 1 | <p>The Health and Safety Manager shall have a Master's degree in field related to construction health and safety management with at least 10 years' of experience in carrying out health and safety supervision, monitoring and implementation of occupational and community health and safety plans for major infrastructure projects, with experience of at least five 400kV or higher voltage or construction project of similar type, location, size and scale. S/he will have a relevant degree, NEBOSH/IOSH certification, experience with construction projects that have received financing from international finance institutions (IFI), and can demonstrate familiarity with IFI safeguard policies.</p> <p>*Candidates with lower years of experience and lesser number with lower voltage (132kV or above) transmission projects but with demonstrated equivalent skills and expertise will also be considered.</p> |
| 12 | Environmental Health and Safety Supervisor | 1 | <p>The Environmental Health and Safety Supervisors shall have Bachelor's Degree in Environmental Science, Environment Management, Environmental Engineering or closely related discipline with at least five (5) years of supervision experience. The expert shall have experience in conducting environmental impact analysis (EIA), initial environmental examinations (IEE) of 400kV or higher voltage or construction project of similar type, location, size and scale as per international standard and practice as well as latest ADB or other donor agencies guidelines with regard to environmental protection. The specialist should be conversant with national laws relating to Initial Environment Examination (IEE)/Environmental</p>                                                                                                                                                                              |



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|    |               |   | <p>Impact Assessment (EIA) and ADB's Safeguard Policy Statement 2009.</p> <p>*Candidates with lower years of experience and with lower voltage (132kV or above) transmission projects but with demonstrated equivalent skills and expertise will also be considered.</p>                                                                                                                                                                                                                                                                                                                                                                                                    |
| 13 | Labor Manager | 1 | <p>The Labor Manager (LM) shall have masters degree in Management or equivalent experience in field related to labor law and a have a minimum of 5 years of work experience in compliance to labor laws and labor acts, factory act, workforce management and related fields. Experience of liaison with labor departments is beneficial. They will need experience of construction projects receiving IFI funding whilst being conversant with national laws and regulations and IFI environment safeguard policies and requirements.</p> <p>*Candidates with lower years of experience but with demonstrated equivalent skills and expertise will also be considered.</p> |
| 14 | Botanist      | 1 | <p>The Botanist shall have a degree in botany or similar, and at least ten years' experience of biodiversity surveys (flora) and supervision of similar projects in critical/natural habitat and forest area/habitat in Nepal.</p> <p>*Candidates with lower years of experience but with demonstrated equivalent skills and expertise will also be considered.</p>                                                                                                                                                                                                                                                                                                         |



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| 15 | Ecologist                           | 1 | <p>The Ecologist shall have a degree in ecology or similar, and at least ten years' experience of biodiversity surveys (flora and fauna) ideally with ornithology/herpetology exposure and supervision of similar projects in critical/natural habitat and forest area/habitat in Nepal.</p> <p>*Candidates with lower years of experience but with demonstrated equivalent skills and expertise will also be considered.</p>                                                                                                                                                                                                |
| 16 | Physical Cultural Resources Monitor | 1 | <p>The specialist shall have an advanced degree (Master of Arts [MA] or equivalent) in the archaeology and/or anthropology of Nepal and/or South Asia (i.e. India, Pakistan, Bangladesh, Bhutan, and Sri Lanka), at least five years of experience directing archaeological investigations in Nepal and/or South Asia and at least five years of experience supervising/monitoring construction works sites where major cultural heritage sites have been present, or possibly present.</p> <p>*Candidates with lower years of experience but with demonstrated equivalent skills and expertise will also be considered.</p> |
| 17 | Pollution Control Specialist        | 1 | <p>Pollution Control Specialist shall have Master's Degree in Environmental Science, Environment Management, Environmental Engineering or closely related discipline with at least 10 years of professional experience. in pollution control for infrastructure projects.</p> <p>*Candidates with lower years of experience but with demonstrated equivalent skills and expertise will also be considered.</p>                                                                                                                                                                                                               |

