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| **Sl No**  | **Ref.** | **Existing Provision**  |  **Amended Provision** |
| **Volume-I: Condition of Contract** |
| **1** | **Clause 3.1 to IFB** | The following transmission line is included in the scope of the Contractor under the package:***Package – TL03*** ***1. LILO of 765 kV S/c Varanasi-Gaya Ckt-1 line at Robertsganj PS****This Specification covers the following scope of works:*1. *Detailed survey including route alignment, profiling, tower spotting, optimization of tower locations, soil resistivity measurement & geotechnical investigation (including special foundation locations viz. pile/well foundation locations, whenever applicable & covered under BPS);*
2. *Check survey.*
3. *Fabrication and supply of all type of transmission line Towers as per Employer’s design/drawings including River crossing towers (wherever applicable) including fasteners, step bolts, hangers, D-shackles etc.;*
4. *Supply of all types of tower accessories like phase plate, circuit plate (where ever applicable), number plate, pole plate (where ever applicable), danger plate, anti-climbing device, Bird guard, (where ever applicable);*
5. *Supply of*

*a) Earth wire**b) Hardware Fittings and accessories for Conductor/Earth wire**c) Conductor(AL59 Zebra & ACSR Bersimis)**d) Insulators(Composite Long Rod Polymer)**e)* ***OPGW & associated fittings & accessories.***1. *Classification of foundations for different type of towers and Casting of Foundations for tower footings as per Employer’s foundation design/ drawing;*
2. *Supply & Installation of Tower Earthing.*
3. *Supply & installation of Insulated Conductor sleeve, (if required & covered under BPS);*
4. *Supply & installation of Bird Diverter, (if required & covered under BPS);*
5. *Erection of towers by using crane (wherever feasible), tack welding of bolts and nuts including supply and application of zinc rich paint, fixing of insulator strings, stringing of conductors and earth wires/OPGW along with all necessary line accessories. For transmission lines, to promote mechanization and safe working conditions, use of crane is being promoted. However, where usage of crane is not possible, erection of towers has to be carried out by conventional method i.e using Gin pole, Derrick, Centre mast etc. through usage of Power Operated Winch Machines. No tractor shall be allowed for tower erection.;*
6. *Stringing of Power line crossing section under Live Line Condition (where ever applicable & covered under BPS);*
7. *Cable bypass arrangement of 11KV/33KV/LT Powerline crossing. (wherever applicable & covered under BPS).*
8. *Stringing of transmission line through Drones (wherever applicable & covered under BPS).*
9. *Painting of towers & supply and erection of span markers, obstruction lights (wherever applicable) for aviation requirements (as required)*
10. *Testing and commissioning of the erected transmission lines and*
11. *Other items not specifically mentioned in this Specification and/or BPS but are required for the successful commissioning of the transmission line, unless specifically excluded in the Specification.*
12. ***The installation/stringing of OPGW cable along with associated fittings & accessories shall be carried out by the contractor. The scope of installation/stringing shall include splicing, termination, testing, demonstration for acceptance & commissioning as well as documentation. Splicing is preferred to be carried out at Tension towers locations. However, it shall be permitted at Suspension Tower locations also as required due to site conditions. The installation/stringing and splicing shall be carried out as per owner guidelines (provided as part of TS). The FODP & Approach cable shall also be installed by the Contractor (where ever applicable as per BPS).***
13. *The use of suitable Heavy-Duty Composite Mats (HDCM) for making temporary access road, equipment staging area, movement of heavy machineries like JCBs, Pokelane, earthmovers, Tension Stringing Equipment’s, Cranes, Concrete Mixers, etc. in paddy fields, Swampy, Marshy, Muddy, Sandy and Partially submerged area, etc. shall also be in the scope of contractor. The Provisional quantities of locations where HeavyDuty Composite Mats required to be used are indicated in the relevant Price Schedules of BPS.*

The above scope of work is indicative and the detailed scope of work is given in the Technical Specification (Volume-II) of the Bidding Documents. | The following transmission line is included in the scope of the Contractor under the package:***Package – TL03*** ***1. LILO of 765 kV S/c Varanasi-Gaya Ckt-1 line at Robertsganj PS****This Specification covers the following scope of works:*1. *Detailed survey including route alignment, profiling, tower spotting, optimization of tower locations, soil resistivity measurement & geotechnical investigation (including special foundation locations viz. pile/well foundation locations, whenever applicable & covered under BPS);*
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