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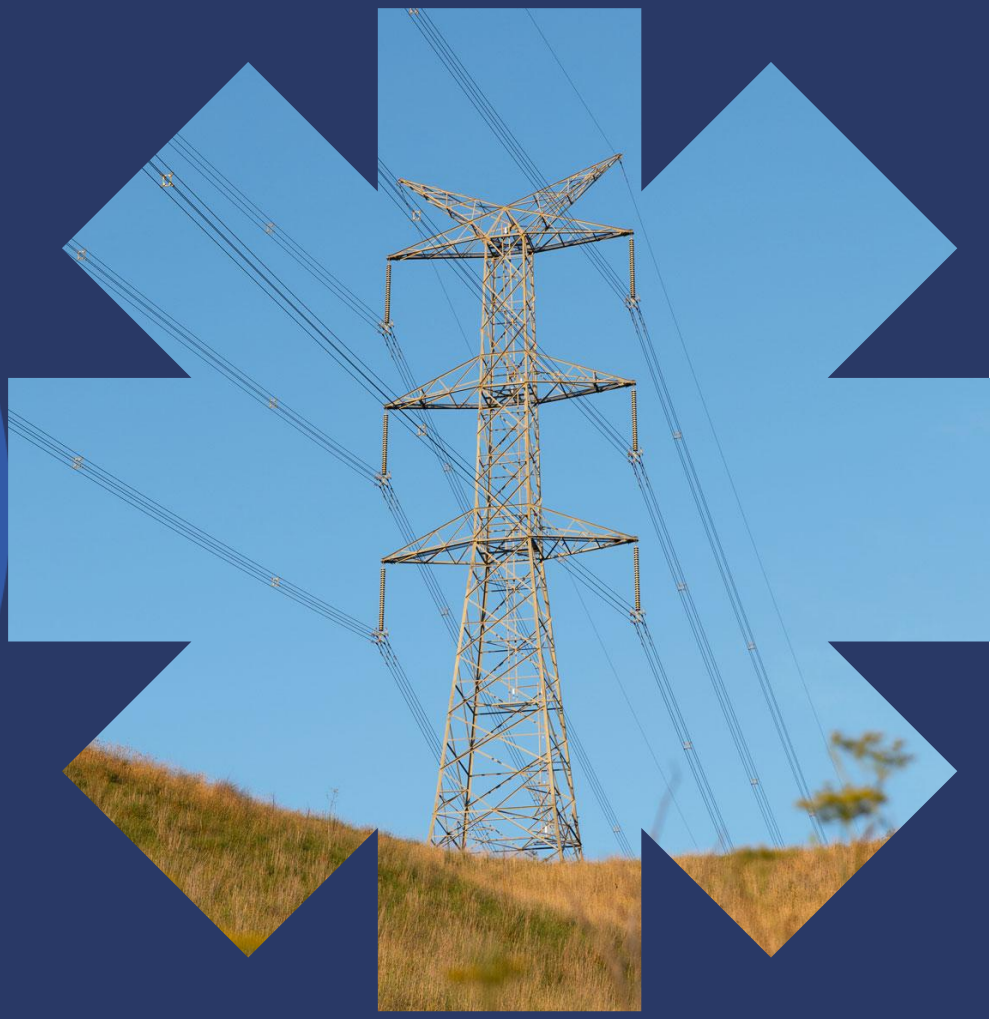

Appendix 4A: Unit rates

TRR Unit Rates – Primary, Civil, Secondary, Communications and Lines

Monday, 29 September 2025

Issue/amendment status

Issue Number	Date	Description	Author	Approved by
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2	29/09/2025	Approved	Muhammad Chowdhury	Carolina Peinado

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1. Introduction

The purpose of this document is to provide the unit rates that been applied to forecast capital expenditure for the 2027-2032 TRR and to explain the basis of each of the rates. All rates are P50/Class 5 and are presented in 2025[1]. Class 5 estimate is an estimate prepared at any stage of a project which has a 50% confidence factor of not being exceeded by cost at completion.

[1] 2024/25 is the AusNet Service financial year commencing 1 April 2024 and ending 31 March 2025

2. Basis of Rates

The basis of the unit rates used to develop the capital expenditure forecast is described in this section.

2.1. Terminal Stations and Lines

The approach to forecasting capital expenditure categories is explained in the *Project Cost Estimating Methodology*. This document details the unit rates used in each category of capital expenditure.

The unit rates are compiled based on the project cost estimating spreadsheet (Top-down transmission estimate for option selection only). This spreadsheet is built up using a bottom-up approach, with labour and materials itemised individually. The spreadsheet is maintained by Project Development Team.

The following have been adopted in the preparation of the unit rates for works within the Terminal Station and lines:

Material costs used in the unit rates presented in this document which are based on period contract pricing from suppliers has been identified in Table 1 below. These period contracts have been established through competitive tender process. Material cost for transformer bushings and lines works has been based on estimates obtained from contractors and manufacturers.

Table 1: Period order items

Period order items (Cost as of Sep 2025)	Price
500kV Current Transformers	[C-I-C]
500kV Live Tank Circuit Breakers.	[C-I-C]
500kV ROI.	[C-I-C]
500kV Surge Arrestors	[C-I-C]
200kV Current Transformers	[C-I-C]
220kV Dead Tank Circuit Breaker	[C-I-C]
220kV Remote Operated Isolator	[C-I-C]
220kV Capacitive Voltage Transformer	[C-I-C]
220kV Live tank Cap bank CB	[C-I-C]
220kV Surge Arrestors	[C-I-C]
66 kV Current Transformer	[C-I-C]
66kV Dead Tank Circuit Breaker	[C-I-C]
66kV Isolators	[C-I-C]
66kV Surge Arrestors	[C-I-C]
66kV Live Tank Circuit Breaker	[C-I-C]
66kV MVT -3 Phase	[C-I-C]
22kV Dead Tank Circuit Breakers.	[C-I-C]
22kV disconnector	[C-I-C]

Period order items (Cost as of Sep 2025)	Price
22kV Surge Arrestors	[C-I-C]
250 Battery Bank and Charger	[C-I-C]
48V Battery Bank and Charger	[C-I-C]
Protection relays (2 relay)	[C-I-C]
Protection Panels (without protection relays)	[C-I-C]

- Cost of producing project designs has been based on historical cost for similar projects. AusNet Services predominantly procures design services through a Design Delivery Provider (DDP) panel established through competitive tender process.
- Construction costs in the unit rates presented in this document have been derived from historical cost for similar projects. AusNet Services predominantly procures construction works through an Construction Delivery Partner (CDP) panel established through competitive tender process.
- AusNet Services internal cost i.e. Project Management, Quality Assurance, Site Supervision and Engineering support costs are based on internal rates.
- Project Components Uncertainty[2] (A percentage value applied based on similar projects).

Further explanation of the project cost estimating database and methodology is contained in the *Project Cost Estimating Methodology*.

2.2. Primary Works

a) The unit rates are developed based on the assumptions that future project scopes will replace or install switchgear at one terminal station, as a minimum of:

   a. Two similar primary plant

2.3. Secondary Works

a) The unit rates are developed based on the assumptions that future project scopes will replace or install new protection and control systems at one terminal station, as a minimum of:

   a. Two similar protection and control schemes, and

   b. In case of bus protection, two bus protection schemes.

b) The unit rates are developed based on the assumptions that auxiliary supplies (e.g. DC Board, AC Supplies) are adequate for given protection and control replacement works.

2.4. Overhead Lines

The unit rates are developed based on the following:

[2] Project Components Uncertainty is a calculation (or estimate) of the variability that occurs in all projects. This variability arises from uncertainty in pricing or volumes of component activities. The uncertainties are a portion of the difference between the outturn and assumptions in the reference estimate.

- 500kV double circuit suspension transmission tower replacement with new 500kV double circuit suspension tower. Based on current project estimates
- Member replacement for various categories in the line section.
- Towe Resilience bases on kg
- 500kV and 220kV Insulator replacement:
    - Insulator replacement unit rates are based on doing projects of various numbers of towers
    - Conductor for 500kV "I" and "V" string is based on quad "orange"
    - Conductor for 220kV "I" and "V" string is based on twin "lemon"
- Groundwire replacement
    - 'Like for Like' and OPGW replacement in metro area is based on 1km line using "grape" conductor.
- Fall arrest system replacement for rack, 500kV Tower and 330kV Tower
- Low spans-based on project estimate (items extract from there)

3. Unit Rates

3.1. Unit Rates – Primary Systems

The rates in this section have been used to estimate programs of expenditure associated with replacement of stations assets. These assets are located within the terminal stations used to transform extra high voltage to sub transmission voltages. Rates in this section are inclusive of civil, primary equipment and associated secondary works, unless otherwise specified.

3.1.1. Allowances

The following items have been allowed for within the stations unit rates:

- Decommissioning and removal of existing equipment
- Supply, installation, testing and commissioning of equipment
- Earthworks, foundations and structures (where applicable)
- Cabling (secondary and power) (where applicable)
- Protection and control associated with the equipment including interfacing works (where applicable)
- Interplant connections
- Earthing modifications
- Operational outage costs (i.e. planning preparation of outages & network switching)
- Design
- AusNet Services internal labour costs (i.e. Project Management, Quality Assurance, Site Supervision and Engineering support)
- Contractor indirect costs.

3.1.2. Exclusions

The following items have been excluded from the stations unit rates:

- Planning and building permit applications
- Land acquisitions and easement creation
- Site surveys, geotechnical investigations and reports
- Additional cable ducts or cable trenches - assume existing is suitable and sufficient capacity
- Removal of contaminants such as asbestos, PCBs and contaminated soil
- Costs associated with any environmental works
- Communication systems and schemes (Unless specified in this document)
- Management reserve[3]
- Cost escalations
- Financing cost and corporate overheads
- Written-down values
- Spares
- Operations and maintenance costs.
- Written-Down Values, line rebates and MIP Scheme[4].

[3] An amount of funds, budget, or time needed above the estimate to cover the costs of unforeseen factors related to the delivery of the project objectives, which are not provided for elsewhere in the total job costs. Management Reserve is to be administered at program level. These can include but are not limited to the occurrence of an unplanned or unforeseen event such as a natural event or a major safety incident and the change to planned assumptions, stakeholder issues (outage restrictions, community) and delayed access to site, industrial relations issues external to the Project / Program, and contractual issues or claims.
[4] MIP Scheme: Market Impact Parameter Transmission Incentive Scheme.

3.2. Switchyard Bay Equipment Replacement

3.2.1. 500kV Replacement

Item	Project Name	Scope of Work Summary	Cost
1	Replacement of 500kV - 3 single Phase CTs.	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]
2	Replacement of 500kV Live Tank Circuit Breakers.	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]
3	Replacement of 500kV ROI.	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]
4	Replacement of 500kV Surge Arrestors 3PH	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]

3.2.2. 220kV Replacement

Item	Project Name	Scope of Work Summary	Cost
1	Replacement of 220kV - 3 single Phase CT's.	Remove existing. Supply, install & commission new on existing structure.	[C-I-C]
2	Replacement of 220kV Dead Tank Circuit Breakers.	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]
3	Replacement of 220kV ROI.	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]
4	Replacement of 220kV - 3 single phase CVT's.	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]
5	Replacement of 220kV Surge Arrestors 3PH	Remove existing. Supply, install & commission new.	[C-I-C]
6	Replacement of 220kV Live tank Cap bank CB – POW Controlled	Remove existing. Supply, install & commission.	[C-I-C]

3.2.3. 66kV Replacement

Item	Project Name	Scope of Work Summary	Cost
1	Replacement of 66kV - 3 single Phase CT's.	Remove existing. Supply, install & commission new on existing structure.	[C-I-C]
2	Replacement of 66kV Dead Tank Circuit Breakers.	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]
3	Replacement of 66kV ROI.	Remove existing. Supply, install & commission new on existing structure.	[C-I-C]
4	Replacement of 66kV MVT's.- 3 single phase	Remove existing. Supply, install & commission new on existing structure.	[C-I-C]
5	Replacement of 66kV Live tank Cap Bank CB-Pow Controlled	Remove existing. Supply, install & commission.	[C-I-C]
6	Replacement of 66kV Surge Arrestors 3Ph	Remove existing. Supply, install & commission new.	[C-I-C]

3.2.4. 22kV Replacement

Item	Project Name	Scope of Work Summary	Cost
1	Replacement of 22kV disconnector	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]
2	Replacement of 22kV Dead Tank Circuit Breakers.	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]
3	Replacement of 22kV Surge Arrestors 3Ph	Remove existing. Supply, install & commission new complete with foundation.	[C-I-C]

3.2.5. Power Transformers Components

Item	Project Name	Scope of Work Summary	Cost
1	Replacement of WTI/OTI	Remove existing. Supply, install & commission new	[C-I-C]
2	Replacement of TMS (DRMCC)	Remove existing. Supply, install & commission new	[C-I-C]
3	Refurbishment of Phase Isolated Bus (3 single phase)	Refurbish existing PIB to rectify moisture ingress issue and clean up corroded bushings	[C-I-C]

3.2.6. Major Primary Equipment Replacement

Item	Project Name	Scope of Work Summary	Cost
1	Replacement of 500kV Transformer Bushing.	Remove existing. Supply, install & commission new single phase 500kV transformer bushing	[C-I-C]

Item	Project Name	Scope of Work Summary	Cost
2	Replacement of 330/275kV Transformer Bushing.	Replacement of 330/275kV Transformer Bushing.	[C-I-C]
3	Replacement of 220kV Transformer Bushing.	Remove existing. Supply, install & commission new single phase 220kV transformer bushing	[C-I-C]
4	Replacement of 66kV Transformer Bushing.	Remove existing. Supply, install & commission new single phase 66kV transformer bushing	[C-I-C]

3.3. Unit Rates – Civil Works

3.3.1. Allowances

The following items have been allowed for within the stations unit rates:

- Decommissioning and removal of existing equipment
- Supply, installation, testing and commissioning of equipment/building
- Earthworks, foundations and structures (where applicable)
- Cabling (secondary and power) (where applicable)
- Protection and control associated with the equipment including interfacing works (where applicable)
- Earthing modifications
- Operational outage costs (i.e. planning preparation of outages & network switching)
- Design
- AusNet Services internal labour costs (i.e. Project Management, Quality Assurance, Site Supervision and Engineering support)
- Contractor indirect costs.

3.3.2. Exclusions

The following items have been excluded from the stations unit rates:

- Planning and building permit applications
- Land acquisitions and easement creation
- Site surveys, geotechnical investigations and reports
- Additional cable ducts or cable trenches - assume existing is suitable and sufficient capacity
- Removal of contaminants such as asbestos, PCBs and contaminated soil
- Costs associated with any environmental works
- Communication systems and schemes
- Management reserve
- Cost escalations
- Financing cost and corporate overheads
- Written-down values
- Spares
- Operations and maintenance costs.
- Written-Down Values, line rebates and MIP Scheme.

3.3.3. Replacement

Item	Project Name	Scope of Work Summary	Cost
1	Replace VESDA and Fire Indication Panel	Remove existing and Install New	[C-I-C]
2	Replace fire hydrant system (assuming Pipe work is 320mtrs).	Remove existing & install New.	[C-I-C]
3	Control Building renovation (Amenities, Painting, Lighting upgrade, doors and windows) as per MLTS	Remove existing & install New.	[C-I-C]

Item	Project Name	Scope of Work Summary	Cost
4	Replace Airconditioning unit	Remove existing and install new, inclusive of asbestos AC circuit board replacement	[C-I-C]
5	Replace Cable trench cover (per cover)	Supply & install 1.210 x 850 x 8mm HD checker plate galvanised cable duct covers	[C-I-C]
6	Switchyard Resurface	Resurface switchyard based on 10,000 sqmtrs	[C-I-C]
7	Station Sealed Road	Station sealed road based on 334 sq meters	[C-I-C]
8	Station Service Supplies	Supply and Install AC Changeover board Decommission existing Changeover boards Perform AC load checks after installation Supply and Install AC distribution boards Supply and Install Switchyard lighting box Cabling associated with Changeover boards	[C-I-C]

3.4. Unit Rates – Secondary Systems

The rates in this section have been used to estimate programs of expenditure associated with secondary assets. These assets are located within Terminal Stations and include items such as line protection, transformer protection and Bus protection.

3.4.1. Allowances

The following items have been allowed for in the secondary unit rates:

- Decommissioning and removal of existing equipment
- Protection and control associated with the equipment including interfacing works
- Supply, installation, testing and commissioning
- Control cabling from cubicle to ITC
- Inter-cubicle wiring
- Cubicle earthing and cable tray
- Modification and interfacing works
- Design cost
- AusNet Services internal labour costs (e.g. Project Management, Quality Assurance, Site Supervision and Engineering support)
- Contractor indirect costs

3.4.2. Exclusions

The following items have been excluded from the secondary unit rates:

- Building modification or extension works
- Removal of asbestos
- Communication systems and schemes between the stations
- Non-standard / site specific installations
- Management reserve
- Cost escalations
- Financing costs and corporate overheads
- Operation and maintenance costs
- Spares
- Written-Down Values, line rebates and MIP Scheme.

3.4.3. Protection and Control Equipment 220kV

Item	Project Name	Scope of Work Summary	Cost
1	Line X Protection (Replacement)	Remove existing. Supply, install & commission new.	[C-I-C]
2	Line Y Protection (Replacement)	Remove existing. Supply, install & commission new.	[C-I-C]
3	Backup Prot (Replacement)	Remove existing. Supply, install & commission new.	[C-I-C]
4	Transformer X Protection (Replacement)	Remove existing. Supply, install & commission new.	[C-I-C]
5	Transformer Y Protection (Replacement)	Remove existing. Supply, install & commission new.	[C-I-C]
6	Cap Bank protection X Protection	Remove existing, supply, install and commission new	[C-I-C]

7	Cap Bank protection Y Protection	Remove existing, supply, install and commission new	[C-I-C]
8	Bus X Protection (Replacement)	Remove existing, supply, install and commission new	[C-I-C]
9	Bus Y Protection (Replacement)	Remove existing, supply, install and commission new	[C-I-C]

3.4.4. RTU, DC supplies and Weather monitoring

Item	Project Name	Scope of Work Summary	Cost
1	RTU – P3: Small	Replacement of Old RTU in existing panel	[C-I-C]
2	RTU – P3: Medium	Replacement of Old RTU in existing panel	[C-I-C]
3	RTU – SCD5200	Replacement of Old RTU in existing panel	[C-I-C]
4	48V Battery Bank, Chargers & Dist Board (X) – (Replacement) including fireproofing building	Remove existing. Supply, install & commission new.	[C-I-C]
5	48V Battery Bank, Chargers & Dist Board (X) – (Replacement) excluding fireproofing building	Remove existing. Supply, install & commission new.	[C-I-C]
6	48V Battery Bank, Chargers & Dist Board (Y) – (Replacement) including fireproofing building	Remove existing. Supply, install & commission new.	[C-I-C]
7	48V Battery Bank, Chargers & Dist Board (Y) – (Replacement) excluding fireproofing building	Remove existing. Supply, install & commission new.	[C-I-C]
8	250V Battery Bank, Chargers & Dist Board (X) – (Replacement) including fireproofing building	Remove existing. Supply, install & commission new.	[C-I-C]
9	250V Battery Bank, Chargers & Dist Board (X) – (Replacement) excluding fireproofing building	Remove existing. Supply, install & commission new.	[C-I-C]
10	250V Battery Bank, Chargers & Dist Board (Y) – (Replacement) including fireproofing building	Remove existing. Supply, install & commission new.	[C-I-C]
11	250V Battery Bank, Chargers & Dist Board (Y) – (Replacement) excluding fireproofing building	Remove existing. Supply, install & commission new	[C-I-C]
12	Overhead Line Tower Weather Station	Remove existing. Supply, install & commission new	[C-I-C]
13	Ground Mounted Weather Station	Remove existing. Supply, install & commission new	[C-I-C]

3.5. Unit Rates – Communications Systems

The rates in this section have been used to estimate programs of expenditure associated with communications assets. These assets are located within Terminal Stations and Radio Sites. They include items such as SDH, PDH, DIC, TPS, CWDM, DWDM, PTP, RTU, OFC.

3.5.1. Allowances

The following items have been allowed for in the secondary unit rates:

- Decommissioning and removal of existing equipment
- Supply, installation, testing and commissioning
- Cabling from cubicle to ITC
- Inter-cubicle wiring
- Cubicle earthing and cable tray
- Modification and interfacing works
- Design cost
- AusNet Services internal labour costs (e.g. Project Management, Quality Assurance, Site Supervision and Engineering support)
- Contractor indirect costs

3.5.2. Exclusions

The following items have been excluded from the secondary unit rates:

- Building modification or extension works
- Removal of asbestos
- Devices that use communication services
- Non-standard / site specific installations
- Management reserve
- Cost escalations
- Financing costs and corporate overheads
- Operation and maintenance costs
- Spares.
- Written-Down Values, line rebates and MIP Scheme.

3.5.3. Communications Equipment

Item	Project Name	Scope of Work Summary	Cost
1	SDH (Synchronous Digital Hierarchy) Node Replacement with MPLS-TP	Remove existing. Supply, install & commission new.	[C-I-C]
2	PDH (Plesiochronous Digital Hierarchy) Node Replacement	Remove existing. Supply, install & commission new.	[C-I-C]
3	DIC (Digital Interface Cubicle) Replacement	Remove existing. Supply, install & commission new.	[C-I-C]
4	TPS (Teleprotection) Node Replacement	Remove existing. Supply, install & commission new.	[C-I-C]

Item	Project Name	Scope of Work Summary	Cost
5	CWDM (Coarse Wavelength Division Multiplexing) Node Replacement	Remove existing. Supply, install & commission new.	[C-I-C]
6	DWDM (Dense Wavelength Division Multiplexing) Node Replacement	Remove existing. Supply, install & commission new.	[C-I-C]
7	EXCH (Private Automatic Branch Exchange) Node Replacement	Remove existing. Supply, install & commission new.	[C-I-C]
8	PTP (Point to Point) Radio Link Replacement – consists of 4 shelves	Remove existing. Supply, install & commission new.	[C-I-C]
9	Comms RTU (Remote Terminal Unit) Node Replacement	Remove existing. Supply, install & commission new.	[C-I-C]
10	OFC ADSS (Fibre Optical Cable) per km	Remove existing. Supply, install & commission new.	[C-I-C]

3.6. Unit Rates – Lines

3.6.1. Allowances

The following items have been allowed for within the stations unit rates:

- Decommissioning and removal of existing equipment
- Supply, installation of equipment
- Earthworks, foundations and structures (where applicable)
- Operational outage costs (i.e. planning preparation of outages & network switching)
- Design, geotechnical investigation and shop details/drafting (where required)
- AusNet Services internal labour costs (i.e. Project Management, Quality Assurance, Site Supervision and Engineering support)
- Contractor indirect costs.

3.6.2. Exclusions

The following items have been excluded from the stations unit rates:

- Planning and building permit applications
- Land acquisitions, easement creation and landowner compensation
- Additional cable ducts or cable trenches - assume existing is suitable and sufficient capacity
- Removal of contaminants such as asbestos, PCBs and contaminated soil
- Costs associated with any environmental works or heritage issues
- Communication systems, underground fibre and multiplex equipment racks etc (for OPGW)
- Management reserve
- Cost escalations
- Financing cost and corporate overheads

3.6.3. Tower Replacement

Outage with monopoles methods Item	Project Name	Scope of Work Summary	Cost
1	500kV double circuit suspension transmission tower replacement with new 500kV double circuit suspension tower.	Transfer conductors to monopole bypass, remove existing tower. Supply, install & commission new tower also includes 50 metre access track and crane pad. Reinstatement of conductor to new tower will require an outage.	[C-I-C]

3.6.4. Tower Member Replacement

Item	Project Name	Scope of Work Summary	Cost ($)
1	Simple	Replacement of non-critical member requiring no rigging	[C-I-C]
2	Medium	Replacement of non-critical member requiring simple rigging methods	[C-I-C]

3	Complex – Crane	Replacement of critical member requiring use of crane	[C-I-C]
4	Complex - Rigging	Replacement of critical member requiring use of complex rigging methods	[C-I-C]
5	Splint	Reinforcement of critical member using splint method: cleaning of existing member using abrasive blasting, fixing of new member onto the serviceable component of the member.	[C-I-C]
6	Bolt Replacement	Replacement of single Bolt	[C-I-C]
7	Sherardised Bolt Supply	Sherardised Bolt Supply	[C-I-C]

Costing based on 500kV Delta and Double Circuit HYTS-APD Towers.

3.6.5. Tower Resilience

Item	Project Name	Scope of Work Summary	Cost ($)
1	Steelwork weight (kg) to reinforce existing structure	Additional steelwork to reinforce tower structure with appropriate connections, e.g., bolts or U-bolt connections.	[C-I-C]

3.6.6. Insulator Replacement

Item	Project Name	Scope of Work Summary	Cost ($)
1	500kV strain insulator replacement with new 500kV composite strain insulators	Supply, install & commission new quad insulator (3 Phases)	[C-I-C]
2	500kV V-string suspension insulator replacement with new 500kV composite suspension insulator	Supply, install & commission new V-string insulator (3 Phases)	[C-I-C]
3	500kV I-string suspension insulator replacement with new 500kV composite suspension insulator	Supply, install & commission new single I-string insulator (3 Phases)	[C-I-C]
4	220kV strain insulator replacement with new 220kV composite strain insulator	Supply, install & commission new twin strain insulator (3 Phases)	[C-I-C]
5	220kV I-string suspension insulator replacement with new 220kV composite suspension insulator	Supply, install & commission new single I string insulators (3 Phases)	[C-I-C]

Note: For 330kV & 275kV Insulator replacement, use 220kV unit rates.

3.6.7. Ground-wire Replacement

Item	Project Name	Scope of Work Summary	Cost
1	Direct retrofit of existing ground-wire with like for like replacement metropolitan area.	Remove existing. Supply, install & commission.	[C-I-C]
2	Direct replacement of existing ground-wire with OPGW/Grape replacement metropolitan area	Remove existing. Supply, install & commission.	[C-I-C]

Item	Project Name	Scope of Work Summary	Cost
3	Critical crossing single span ground-wire replacement like for like.	Remove existing. Supply, install & commission new, includes cradle block.	[C-I-C]

3.6.8. Fall Arrest

Item	Project Name	Scope of Work Summary	Cost
1	Rack System Fall Arrest	Supply & install new fall arrest per terminal station site.	[C-I-C]
2	500 kV Tower System Fall Arrest.	Supply & install new fall arrest on single flat top delta type tower.	[C-I-C]
3	330 kV Tower System Fall Arrest.	Supply & install new fall arrest on single flat top delta type tower.	[C-I-C]

3.6.9. Low Spans

Item	Project Name	Scope of Work Summary	Cost
1	Raising conductors (Single Circuit, Single Bundle conductor)	Site preparation, De-clip & place conductors into running sheaves, replace suspension assembly with floating strain; Cut, retention (assumed 4-spans) and install mid-span joint; Re-clip, remove sheaves and replace conductors into clips; Site reinstatement.	[C-I-C]
2	Raising conductors (Single Circuit, Double Bundle conductor)	Site preparation, De-clip & place conductors into running sheaves, replace suspension assembly with floating strain; Cut, retention (assumed 4-spans) and install mid-span joint; Re-clip, remove sheaves and replace conductors into clips; Site reinstatement.	[C-I-C]
3	Raising conductors (Double Circuit, Single Bundle conductor)	Site preparation, De-clip & place conductors into running sheaves, replace suspension assembly with floating strain; Cut, retention (assumed 4-spans) and install mid-span joint; Re-clip, remove sheaves and replace conductors into clips; Site reinstatement.	[C-I-C]
4	Raising conductors (Double Circuit, Double Bundle conductor)	Site preparation, De-clip & place conductors into running sheaves, replace suspension assembly with floating strain; Cut, retention (assumed 4-spans) and install mid-span joint; Re-clip, remove sheaves and replace conductors into clips; Site reinstatement.	[C-I-C]

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