

# Template

## Proposal Content Document

**Table 1:** General proposal content description

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Proposal title</b>    | Malaga to Ellenbrook Rail Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Proponent name</b>    | Public Transport Authority of Western Australia                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Short description</b> | <p>The proposal is to construct and operate a new 13 kilometre dual railway line from Malaga to Ellenbrook in the City of Swan.</p> <p>The proposal includes the construction and operation of new intermodal transit stations at Malaga, Whiteman Park and Ellenbrook, with provision for a future station at Bennett Springs East. The proposal includes construction of a principal shared path, bridge infrastructure (including over Gnangara Road), a dive structure, and construction laydown and access areas.</p> |

**Table 2:** Proposal content elements

| <b>Proposal element</b>                                                                                                                                                                                   | <b>Location / description</b>         | <b>Combined extent, capacity or range</b>                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Physical elements</b>                                                                                                                                                                                  |                                       |                                                                                                                                                        |
| Clearing and disturbance for construction of the railway, stations, principal shared path, dive structure, drainage structures, fencing, bridges, noise walls, and construction laydown and access areas. | Development Envelope (DE) in Figure 1 | The Proposal comprises clearing and disturbance of no more than 249 ha of which 152.1 ha is native vegetation within a 418.85 ha development envelope. |
| <b>Construction elements</b>                                                                                                                                                                              |                                       |                                                                                                                                                        |
| No relevant elements                                                                                                                                                                                      |                                       |                                                                                                                                                        |
| <b>Operational elements</b>                                                                                                                                                                               |                                       |                                                                                                                                                        |
| Noise                                                                                                                                                                                                     | Ellenbrook Line and vicinity          | In line with requirements of SPP 5.4                                                                                                                   |
| Vibration                                                                                                                                                                                                 | Ellenbrook Line and vicinity          | In line with requirements of SPP 5.4                                                                                                                   |

| Proposal elements with greenhouse gas emissions                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                     |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Construction elements:                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                     |            |
| 213,380 tonnes                                                                                                                                                                                                       | Scope 1 - During construction, considering the fuel burn, electricity consumption and embodied emissions within the materials used.                                                                                                                                                                 |            |
| 113 tonnes                                                                                                                                                                                                           | Scope 2                                                                                                                                                                                                                                                                                             |            |
| 107,781 tonnes                                                                                                                                                                                                       | Scope 3                                                                                                                                                                                                                                                                                             |            |
| Operation elements:                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                     |            |
| 21,338 tonnes                                                                                                                                                                                                        | Scope 1 - During operational maintenance, considering the fuel burn, electricity consumption and embodied emissions within the materials used associated with component replacement and maintenance. Component maintenance and replacement is periodic in nature and based on component design life |            |
| 831,317 tonnes                                                                                                                                                                                                       | Scope 2 (whole of life) - PTA's average rail station electricity use and average track kilometre (km) electric use for rail car operation (assuming no decarbonisation of grid)                                                                                                                     |            |
| -2,193,151 tonnes                                                                                                                                                                                                    | Scope 3 (whole of life) – greenhouse gas emission savings from the operation of the proposal.                                                                                                                                                                                                       |            |
| Rehabilitation                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                     |            |
| Areas used for temporary construction purposes (e.g. laydowns and compounds) will be respread with locally stored topsoil, treated for weeds, scarified and seeded to achieve pre-construction vegetation densities. |                                                                                                                                                                                                                                                                                                     |            |
| Commissioning                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                     |            |
| Commissioning of infrastructure will be done in coordination with Rail Safety regulator approval for the commencement of operations and will coincide with the activation and energisation of the rail network.      |                                                                                                                                                                                                                                                                                                     |            |
| Decommissioning                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                     |            |
| Removal of all rail infrastructure as required                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                     |            |
| Other elements which affect extent of effects on the environment                                                                                                                                                     |                                                                                                                                                                                                                                                                                                     |            |
| Proposal time*                                                                                                                                                                                                       | Maximum project life                                                                                                                                                                                                                                                                                | 100 years+ |
|                                                                                                                                                                                                                      | Construction phase                                                                                                                                                                                                                                                                                  | 4 years    |
|                                                                                                                                                                                                                      | Operations phase                                                                                                                                                                                                                                                                                    | 100 years+ |

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|  | Decommissioning phase | 2 years from cessation of operations |
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*\* Proponents should only provide realistic timeframes to avoid unnecessary change to proposal applications at referral (section 38C), assessment (section 43A) or post assessment (section 45C).*