

Date: 28 June 2023  
File ref.: CPB-1005-LET-0112



Worley Services Pty Ltd  
Craig Ramm  
Engineer Representative  
Level 1, 93-95 William Street  
Perth WA 6000

Attention: Mr Craig Ramm

Dear Sir,

**CONTRACT NO. WR/C/CC/1005**  
**WESTERN RANGE PROJECT – MAIN INFRASTRUCTURE BULK EARTHWORKS**  
**Clause 9.2(c) Request for further Information / Variation Impact**  
**RE: VAR-0073: Traffic Control at 4W-Bypass (Extraction of Costs from VAR-0033 at Engineer's Request)**

Further to the submission of costs as requested by the Engineer in relation to VAR-0033 and the request for costs associated with Traffic Management to be submitted separately, the Contractor hereby provides this letter setting out its costs for the ongoing traffic management of the 4W-Bypass beyond its engaged scope as detailed below.

The Contractor refers to the following documents:

1. Letters associated with VAR-0033 issued by the Contractor: CPB-1005-LET-0039, CPB-1005-LET-0057, and CPB-1005-LET-0070.
2. Letter 1005-0017, from the Engineer dated 1 March 2023.
3. Email correspondence from the Contractor, titled "4W Boom Gate Presentation.pptx", dated 20 March 2023.
4. Email correspondence from the Engineer's Safety Superintendent, titled "4W bypass traffic control L2RA and required actions", dated 27 March 2023.

**1. DETAILS OF THE VARIATION**

As part of the Contractor's scope of works as set out within the Attachment 3 of the Scope of Work for the Project (refer Document No. WR-SOW-Y-0003), the Contractor was required to provide manned traffic control (including traffic lights and remote controlled gates) to the 4W-Bypass, following the construction of the bypass road (refer HV01 Section 1 Tunnel 02 Bypass: Stage 3 Post Bypass Haul Road Construction, with Attachment 3 of the SOW). With reference to the Contractor's baseline Programme the date for commencement of the traffic control was 20 July 2023. Prior to the construction of the bypass the crossing was to be managed by escort of the Engineer.

Subsequently the Engineer requested a scope change with 4W-Bypass Works (refer Letter 1005-0017) and requested traffic control to commence and manage the bypass intersection from an earlier date.

There was ongoing discussion with the Contractor, Engineer and Company in relation to the traffic management proposal for the Bypass, refer to attached correspondence (**Attachments 1 and 2**). Within the correspondence from the Engineer's Safety Superintendent there was additional actions for

the Contractor (also refer email attachment “WR L2RA\_ 4W Haul Rd Intersection Rev 0.xlsx”, sheet “4W Intersection L2RA”). These included amongst a list of requirements:

1. Traffic Controller to be rotated every 2 hours and will maintain staggered start and finish times to accommodate a 15-hour duration.
2. Traffic Controllers required to undertake a restricted pit permit, consisting of the theory and an hour HME drive around the area.
3. Extended hours of boom gate operation 0400hrs to 1900hrs.
4. Lighting plants installed at intersection for visibility of the boom gates during the hours of darkness. Facing away from intersection.

In response to the revised scope of works for the 4W-Bypass the Contractor submitted costs (refer Letter CPB-1005-LET-0057) and revised costs as requested by the Engineer (refer Letter CPB-1005-LET-0070). These costs included the additional period of traffic management for the 4W-Bypass. Subsequently the Engineer has requested to separate these costs, hence the below costs for traffic management are submitted as below.

## **2. IMPACT OF THE VARIATION ON THE CONTRACT PRICE**

The estimated impact of this Variation on the Contract Price is **\$505,526.37**.

Please refer to the attached breakdown (**Attachment 3**) of estimated costs for the ongoing traffic control at the 4W-Bypass that commenced earlier than allowed and required as part of the Contractor's scope of works. The associated assumptions and estimations are included within the attachment.

The below is noted with regards to the costs:

1. Dayworks have been submitted for each day, with returned signed sheets from the Engineer for most days.
2. All works up until the 18 April 2023 for 4W-Bypass Works claimed as part of VAR-0033 (total \$320,265.35, refer CPB-1005-LET-0070).
3. There is allowance for rotation of traffic control as requested every 2hrs.
4. As recorded on submitted dayworks sheets, there has been requirement for a traffic controller based at each side of the 4W-Bypass. This was due to remote coverage not working to the supplier's specification (100m range) (refer **Attachment 4** (p31)). The Contractor ordered a larger prototype antenna from the boom gate supplier which arrived and was installed, reducing the requirement for 2 traffic controllers to be stationed from 18 May 2023.
5. Further dayworks will be submitted for records until 20 July 2023.

Upon the 20 July 2023 the Contractor intends to:

1. Minimise the rotation of traffic control to its original allowance. Traffic Controls will be stationed for more than 2hrs to reduce lost productivity of the short duration (i.e. Rotation at smoko, lunch, end of normal working hours).
2. Remove the lighting from the area. The Contractor is not undertaking Works within the area and does not consider lighting is required under the Contract and as such has not made any such allowance for the going hire of lighting at the Bypass.

Should the Engineer wish to maintain the current traffic control arrangements (lighting and rotation timing) beyond the 20 July 2023, the Contractor considers this a Variation to the Contract and requests a Variation Direction in accordance with the Contract.

The Contractor trusts this resolves the request from the Engineer to provide further substantiation of costs and looks forward to receiving a Variation document accordingly.

The Contractor reserves all its rights under the Contract and at law.

Yours sincerely

**CPB Contractors Pty Ltd**



**Richard Walford**

**Contractor's Representative**

- Attachment 1 – Email correspondence from the Contractor, titled “4W Boom Gate Presentation.pptx”, dated 20 March 2023.
- Attachment 2 – Email correspondence from the Engineer’s Safety Superintendent, titled “4W bypass traffic control L2RA and required actions”, dated 27 March 2023.
- Attachment 3 – Breakdown of Costs for VAR-0073, dated 28 June 2023.
- Attachment 4 – Porta-Boom User Manual.