

**Point Samson Foreshore Implementation Works**  
**City of Karratha**  
**Project No. LW15001**  
**Opinion of Cost**

| ITEM       | DESCRIPTION                                     | COST                |
|------------|---|---------------------|
| <b>1.0</b> | <b>Miller Close</b>                             |                     |
| 1.1        | Dune Fencing                                    | \$ 84,569           |
| 1.2        | Dune Rehabilitation                             | \$ 172,971          |
| 1.3        | Public Amenity Structure                        | \$ 561,262          |
| 1.4        | Carpark Rationalisation & Drainage              | \$ 424,306          |
| 1.5        | Footpath Works                                  | \$ 46,080           |
| 1.6        | Rehabilitation to Former Carpark Area           | \$ 63,011           |
| 1.7        | Planting Works to Verge                         | \$ 108,434          |
|            | <b>Subtotal (inc regional loading, exc GST)</b> | <b>\$ 1,460,635</b> |
| <b>2.0</b> | <b>Community Hall Area</b>                      |                     |
| 2.1        | Dune Fencing                                    | \$ 46,709           |
| 2.2        | Dune Rehabilitation                             | \$ 107,797          |
| 2.3        | Carpark Rationalisation & Drainage              | \$ 339,371          |
| 2.4        | Maintenance Vehicle Access                      | \$ 119,579          |
| 2.5        | Footpath Works                                  | \$ 28,229           |
| 2.6        | Rehabilitation to Basin                         | \$ 75,664           |
|            | <b>Subtotal (inc regional loading, exc GST)</b> | <b>\$ 717,349</b>   |
| <b>3.0</b> | <b>Mears Drive</b>                              |                     |
| 3.1        | Dune Fencing                                    | \$ 193,446          |
| 3.2        | Dune Rehabilitation                             | \$ 148,492          |
| 3.3        | Public Amenity Structure                        | \$ 514,358          |
| 3.4        | Carpark Formalisation & Linemarking             | \$ 55,029           |
|            | <b>Subtotal (inc regional loading, exc GST)</b> | <b>\$ 911,325</b>   |
|            | <b>SUB TOTAL (Excluding GST)</b>                | <b>\$ 3,089,308</b> |
|            | <b>GST</b>                                      | <b>\$ 308,931</b>   |
|            | <b>TOTAL (Including GST)</b>                    | <b>\$ 3,398,239</b> |

**Opinion of Cost - Disclaimer**

- 1 This document is produced by Cardno (WA) Pty Ltd solely for the benefit of and use by the client, in accordance with this disclaimer. Cardno (WA) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.
- 2 This preliminary cost estimate is indicative and should be reassessed once detailed design has been completed. We accept no liability or responsibility for interpretations made or use of the information for any other purpose. It should also be noted that the estimate may be affected by a number of factors outside the control of Cardno (WA) Pty Ltd and we cannot warrant the accuracy of the information provided and recommend a further review of the information contained herein be undertaken by the client prior to use.
- 3 Contingency - Is based on 25% as advised by ARRB Group Ltd for P90 estimates at Preliminary Design Stage
- 4 A Construction Cost factor of 155 has been applied to Perth construction costs indexed at 100. (Source: Rawlinsons Construction Handbook, Edition 31, 2013)
- 5 No allowance has been made for investigations and remedial works associated with land contamination
- 6 No allowance has been made for fees and charges exclude Project Management, detailed engineering/landscape design fees and engineering certification fees.
- 7 It is assumed a suitable water source is available on site for irrigation and watering purposes.
- 8 Cost savings may be achieved through the integration of stages.
- 9 Cardno have prepared a broad price for the construction of the Jetty Structures which is based on drawings as previously prepared for this site by Rio Tinto