

**ITEM 16. TENDER - CHIPPENDALE PEDESTRIAN CYCLING AND TRAFFIC CALMING (PCTC) PROJECT - BUCKLAND, MYRTLE AND MEAGHER STREETS UPGRADE**

**FILE NO: S065964**

**TENDER NO: 0901**

**SUMMARY**

This report provides details of the tenders received for the Chippendale Pedestrian Cycling and Traffic Calming (PCTC) streetscape project upgrade works on Buckland, Myrtle and Meagher Streets.

The project scope includes PCTC works - formerly known as Local Area Traffic Management (LATM) plan works. The project includes pedestrian crossings at Broadway and Regent Street intersections, new kerb alignments at intersections and along sections of Buckland and Myrtle Streets, demolition and replacement of paving in areas of new kerb works, improved tree surrounds to existing trees, new street tree planting, new garden beds and localised stormwater initiatives.

Extended brick pavement, enhanced stormwater re-use, additional areas of garden bed and additional tree planting in the carriageway, were also tendered and recommendations are made for additional works to be included in the project.

This report recommends that Council accept the tender offer of Tenderer 'D' for proposed Option 4 for the Buckland, Myrtle and Meagher Streets Upgrade, Chippendale.

**RECOMMENDATION**

It is resolved that:

- (A) Council accept the tender offer of Tenderer 'D' for Option 4 for the Chippendale Pedestrian Cycling and Traffic Calming (PCTC) Project - Buckland, Myrtle and Meagher Streets Upgrade;
- (B) Council note the approval of Option 4 will require additional funds to the 2009/10 capital works estimate, as contained in Attachment B; and
- (C) Tender Evaluation Summary, Attachment B to the subject report, remain confidential in accordance with Section 10A(2)(d) of the Local Government Act 1993.

**ATTACHMENTS**

**Attachment A:** Chippendale PCTC – Buckland, Myrtle and Meagher Streets Upgrade Plan

**Attachment B:** Tender Evaluation Summary (Confidential)

## **BACKGROUND**

1. The streetscape works on Buckland, Myrtle and Meagher Streets encompass the detailed design of the PCTC scheme for Chippendale.
2. The PCTC scheme builds on the Inner West Local Action Plan, the Chippendale Improvement Plan and the Cycle Strategy and Action Plan 2007-2017.
3. Local community participation in the development of the PCTC scheme was fostered through a community consultation workshop, local advertising and public display of the proposals. The community workshop was undertaken in May 2007 and other key stakeholders were also consulted, including the Roads and Traffic Authority, State Transit Authority and NSW Police. Input from the community and stakeholder meetings identified specific traffic measures in Buckland, Myrtle and Meagher Streets for implementation.
4. The key elements of the streetscape works (shown in Attachment A) are:
  - (a) footpath widening and re-alignments at key intersections to assist in reducing traffic speeds and improve pedestrian safety;
  - (b) pedestrian crossings and footpath widening at the intersections of Broadway and Buckland Street and Regent and Meagher Streets;
  - (c) raised pedestrian crossing on Buckland Street near Blackfriars Street;
  - (d) footpath widening along sections of Buckland Street (between Daniel Street and Myrtle Street) and Myrtle Street (between Smithers and Abercrombie Streets);
  - (e) improved intersection arrangement at Abercrombie and Meagher/Myrtle Streets;
  - (f) new street trees and garden beds;
  - (g) creation of rain gardens in new kerb extensions to filter stormwater, removing contaminants before stormwater enters Blackwattle Bay; and
  - (h) stormwater harvesting for use in new garden beds and tree pits. This is being undertaken as a prototype, which if successful may be incorporated into all future PTCT projects.

## **INVITATION TO TENDER**

5. The invitation to tender was advertised in The Sydney Morning Herald and The Australian on 6 January 2009 and 13 January 2009, with tenders closing on 3 February 2009.

## **TENDER SUBMISSIONS**

6. Nine submissions were received from the following organisations:

- Ford Civil Contracting Pty Ltd
  - GMW Urban Pty Ltd
  - Kingston Civil Constructions
  - Mayale NSW Pty Ltd
  - Regal Innovations
  - State Wide Civil Pty Ltd
  - Sydney Civil Pty Ltd
  - Trackline Civil Pty Ltd
  - Quality Management & Construction Pty Ltd (QMC)
7. No late submissions were received.

#### **TENDER EVALUATION**

8. All members of the Tender Evaluation Panel have signed Pecuniary Interest Declarations. No pecuniary interests were noted.
9. The relative ranking of tenders as determined from the total weighted score is provided in the Confidential Tender Evaluation Summary – Attachment B.
10. All submissions were assessed in accordance with the approved evaluation criteria being:
- (a) tender price;
  - (b) resources, including key personnel and subcontractors, community liaison and storage/site amenities;
  - (c) company profile, including experience in similar projects, references, plant and equipment, QA;
  - (d) proposed construction program;
  - (e) proposed construction methodology;
  - (f) traffic management plan;
  - (g) environmental management;
  - (h) Occupational Health and Safety; and
  - (i) financial and commercial trading integrity / insurances.

#### **PERFORMANCE MEASUREMENT**

11. The City will ensure that performance standards are achieved during construction through:



**OPTIONS**

18. During the tender period, two community submissions were received outlining additional items requested for inclusion in the project scope. In response, a number of items were included in a tender addendum. The additional scope of works included:
- (a) additional trees in the roadway to improve tree canopy to provide shadow over the carriageway. Preliminary investigations include six new trees in the road carriageway. Detailed investigations during construction will be required to confirm feasibility and final locations ensuring there is no impact on underground services and loss of parking spaces;
  - (b) enhanced stormwater re-use to garden beds and tree pits, including:
    - (i) installation of "Aqua kerb" (pipe in kerb to divert stormwater from gutter to tree pit) at all new tree pits,
    - (ii) conversion of existing downpipes to AG line (perforated pipe) through new garden beds; and
    - (iii) permeable paving absorption pits along the kerb.
  - (c) additional areas of garden beds along the verge to further enhance green spaces in the streets and create additional future provision for community use. An additional 180m<sup>2</sup> of garden beds is proposed. The stormwater re-use initiatives as noted above would be included in the construction of these garden beds;
  - (d) installation of two temperature monitoring stations to enable on-going monitoring of the Chippendale micro-climate;
  - (e) application of a light coloured road surface treatment to asphalt roads with the vision of reducing temperatures as requested. The project scope of works does not currently include any works to the road pavement. This would impact on traffic management and the construction program. It is noted that the lifespan of the applied road surface is limited to five years. Therefore, currently this item is not recommended; and
  - (f) installation of brick paving to all new areas of footpath paving.
19. Other items outlined in the submission can be addressed as future projects. These include:
- (a) raised pedestrian thresholds at all intersections;
  - (b) installation of 50,000L underground stormwater storage tank beneath the existing roadway;
  - (c) installation of 60,000L stormwater tank beside Peace Park; and
  - (d) wherever possible replacement of cement with a 'climate-friendly' alternative.

20. The feasibility of installing an on-site stormwater detention tank in Peace Park has commenced. The study includes:
- (a) assessment of catchment area;
  - (b) review of irrigation demands;
  - (c) water storage options; and
  - (d) diversion and stormwater treatment requirements.
21. For awarding the current tender, Council has the following options:
- (a) **Option 1:** Award project for the scope of work as currently detailed and as shown on Chippendale PCTC – Buckland, Myrtle and Meagher Streets Upgrade Plan (Attachment A). Note that in this option footpath pavement is being replaced on a like-for-like basis, ie, in areas of footpath widening or kerb relocation existing asphalt is replaced with new asphalt, and areas which currently have existing brick paving are replaced with new brick paving, where appropriate.
  - (b) **Option 2:** Project scope as per Option 1 above and including additional items requested by the community. Under this option, the enhanced stormwater re-use for all new planting areas and tree pits, permeable paving absorption pits, additional trees in roadway (6 no.) additional garden beds, and temperature monitoring stations would be included in the construction package.
  - (c) **Option 3:** Project scope as per Option 1 above, except all new footpath works are to be finished with brick paving. Note that in this option the areas of footpath not identified for reconstruction in Attachment A will remain asphalt surfacing.
  - (d) **Option 4:** Project scope as per Option 3 above and including additional items requested by the community. This includes enhanced stormwater re-use for all new planting areas and tree pits, permeable paving absorption pits, additional trees in roadway (6 no.) additional garden beds, and temperature monitoring stations would be included in the construction package. **This option is recommended.**

## **PUBLIC CONSULTATION**

22. The community and key stakeholders have been widely consulted in the formulation of the Pedestrian Cycling and Traffic Calming Scheme including:
- (a) several community workshops undertaken during the development of the Chippendale Improvement Plan;
  - (b) a community workshop held at the Citigate Hotel on 10 May 2007 to develop the PCTC scheme;
  - (c) during public exhibition of the draft PCTC scheme, eleven (11) public submissions were received. Comments were assessed and the draft proposal modified where appropriate;

- (d) the PCTC scheme was considered by the Sydney Traffic Committee in February 2008 and Council endorsed the proposal in March 2008; and
- (e) site meeting with specific community members to address recent submissions.

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