
Specifications

Request for Quotation (RFQ)

RFQ Title Design, Supply and Installation of Air Conditioning for Gwydir Shire

RFQ Number GWY_1819_Q05

Issue Date 22nd February 2019

This document contains the specification and scope of works required by this RFQ. Proponents are to read and fully understand Council's requirements and propose a response that fully satisfies the detailed requirements.

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1. Introduction

Gwydir Shire Council has various projects planned over the next 12 months which require air conditioning to be installed in existing and new buildings throughout its Shire. Council is seeking to identify Air Conditioning suppliers that can design, supply and install Air Conditioning systems which will meet or exceed industry standards of cooling and heating loads for the applicable building whilst complying with all relevant Australian Standards and National Construction Codes.

This Scope of Work provides information on the key details of the Principals requirements. Respondents may provide pricing for one, or all portions of the scope of work outlined below. The Principal is not obligated to accept Submissions from one Respondent only and will consider awarding a combination of contracts to Suppliers who are able to meet the Principals requirements.

2. Background

The installation of each air-conditioning system must give due consideration to the architecture and the aesthetic appeal of each building.

2.1 Warialda Town Hall

The Warialda Town Hall is located at 72 Hope Street and acts as the towns principal meeting and function venue. The front of the building incorporates the Main Foyer and adjacent Offices facing south (Warialda Street). The rear of the building incorporating the Stage and adjacent Change Rooms faces north (rear Lane Way).

An independent report detailing the suggested works required has been prepared by Barry Smith & Associates. This report should only be used for information purposes and it is the requirement of the Respondent to determine the suitable requirements for this building.

2.2 Bingara Library

The Bingara Library is being relocated to the Bingara Civic Centre, 24 Maitland Street Bingara. The redevelopment of this Civic Centre will see a modern, functional, fit for purpose Library space created. The internal design has considerations for acoustic and temperature control efficiencies.

Three (3) spaces requiring air-conditioning are the:

1. Main library space and Foyer entry;
2. Quiet Room; and
3. Make a Space Room.

2.3 Big River Dreaming Interpretive Centre, Bingara

The Interpretive Centre will be built at Killarney Gap Rd, Bingara. The Centre designs seeks not simply to reduce environmental impact, but rather to proactively demonstrate strategies to contribute to environmental improvement.

3 main areas within the building requiring air-conditioning are the:

1. Café,
2. Interpretation and Tech Space; and
3. Office.

2.4 The Roxy Theatre, Bingara

Situated in the main street of Bingara (74 Maitland Street), The Roxy is of state heritage significance being a rare surviving example of an Inter-War Art Deco cinema with its distinctive street presence and intact, luxurious, interior detailing and layout. Faithfully restored to its original splendour and re-opened to the public in May 2004, The Roxy functions as both a multipurpose cinema and regional centre for the performing arts, with The North West Theatre Company taking residence there.

Spaces within the building requiring air-conditioning are the:

1. The Foyer Entry (southern, central, north) and
2. The Green Room.

Given the heritage nature of the Roxy Theatre, the installation of air conditioning to the Foyer areas must not impact the ascetics of the building. Tenderers are encouraged to consider how to extend onto the existing air conditioning system which feeds the theatre/cinema area and or ensure the placement of new units are concealed.

3. Scope of Works

3.1 Warialda Town Hall

3.1.1 Inclusions

- Design and documentation including all working drawings, system specification, user manuals and works as executed plans;
- Details of any necessary building works required for the installation of the air-conditioning system;
- Upgrades to mains electrical and switchboards as required;
- Supply and installation of all air-conditioning equipment;
- Building works necessary for the installation of the air-conditioning equipment;
- Testing, commissioning and certification; and
- Removal of debris and cleaning of site.

3.1.2 Exclusions

- Nil

3.2 Bingara Library

3.2.1 Inclusions

- Design and documentation including all working drawings, system specification, user manuals and works as executed plans;
- Supply information on electrical load on any required electrical load upgrade to mains supply and meter board;
- Supply and installation of all air-conditioning equipment;
- All buildings works necessary for the installation of the air-conditioning system;
- Testing, commissioning and certification; and
- Removal of debris and cleaning of site.

3.2.2 Exclusions

- Mains Electrical Upgrades
- Switchboard Upgrades
- Fire Trip Connection to FIP or security

3.3 Big River Dreaming Interpretive Centre, Bingara

3.3.1 Inclusions

- Design and documentation including all working drawings, system specification, user manuals and works as executed plans;
- Details of any necessary building works required for the installation of the air-conditioning system;
- Supply and installation of all air-conditioning equipment. Functions to include heating, cooling and blowing in outside air for air movement if required when outside temperatures are suitable;
- Testing, commissioning and certification; and
- Removal of debris and cleaning of site.

3.3.2 Exclusions

- Nil

3.3.3 Suggested Equipment and Position

Café (15m x 8m)

- 1 ducted system
- Vent to be positioned on flat section of ceiling over the back area in the kitchen
- The system may need to blow out towards the east side (rather than duct over) into the rest of the space because there is a glass roof running through the centre
- The outdoor unit to be located on the western side of the building

Interpretive & Tech Rooms (21m x 8m)

- 2 ducted systems
- Vents to be positioned in flat ceiling (approximately 3,000m high)
- Divided by an operable wall, each room to be operated independently or work concurrently
- Bulkheads running north and south to be used for air-conditioning ducts
- Outdoor units to be located in the BINS area
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Office (5m x 3m)

- 1 ducted system
- Positioned on southern wall
- Outdoor unit to be located on external southern wall

3.4 The Roxy Theatre, Bingara

3.4.1 Inclusions

- Design and documentation including all working drawings, system specification, user manuals and works as executed plans;
- Details of any necessary building works required for the installation of the air-conditioning system;
- Supply and installation of all air-conditioning equipment. Functions to include heating, cooling and blowing in outside air for air movement if required when outside temperatures are suitable;
- Testing, commissioning and certification; and
- Removal of debris and cleaning of site.

3.4.2 Exclusions

- Nil

3.5 Investigation

The contractor shall be responsible for ensuring that sufficient and adequate investigation is carried out for the Truck Wash design to meet the requirements of this specification. If, in the opinion of the contractor, insufficient information has been provided by the principal, the contractor shall arrange to carry out whatever additional investigation the contractor deems necessary.

Where investigations have been carried out by the principal, Respondents shall be solely responsible for determining whether or not the principal's investigation is both satisfactory and adequate for the design of the works and for interpreting the results.

If a Respondent is not satisfied with the principal's investigation, it shall include an allowance in its quoted price for any additional investigation the Respondent deems necessary.

4. General Requirements

4.1 General

This section outlines general requirements which are applicable to all sections of this specification and the works.

4.2 Standards and Regulations

Conformance to the latest editions of all standards and regulations is required. Council is seeking to identify Air Conditioning suppliers that can design, supply and install Air Conditioning systems which will meet or exceed industry standards of cooling and heating loads for the applicable building whilst complying with all relevant Australian Standards and National Construction Codes. The following standards and regulations (include but are not limited to) are always applicable:

BCA	Building Code of Australia
NCA	National Construction Code
AS/NZS 1677	Refrigerating Systems
AS 1668	The use of ventilation and airconditioning in buildings
AS/NZS 3666	Air-handling and water systems of buildings : microbial control
AS 2913	Evaporative airconditioning equipment
AS/NZS3017	For Testing for Safety of Low Voltage Electrical Systems
State Workplace/Occupational Health and Safety Legislation	
Electrical Safety Act and Regulations and all other relevant Acts and Regulations, Local Authority Requirements, Australian Standards and Codes having jurisdiction.	

4.3 Quality of Materials and Workmanship

All materials shall be new, of the best quality and of the class most suitable for the purpose specified.

All fittings, accessories and equipment of the same type shall be of the same manufacture and catalogue number.

4.4 Manufacturer’s Warranty

Provide manufacturer’s warranty agreements where applicable. Complete all necessary documentation on the Owner’s behalf. Include copies of warranties in the maintenance manuals.

4.5 Clean Up

At completion clean all electrical equipment to as-new condition. Remove all waste and debris on a continuous basis.

5. Table of Attachments

The attached documents are provided to be read in conjunction with Part 3 to provide Respondents with complete detail relating to the requirements of the Submission.

Attachment No.	Attachment Title
1	Warialda Memorial Hall AC_Barry Smith & Associates Report
2	Bingara Library Floorplan
3	Bingara Library Ceiling Plan
4	Interpretive Centre AC diagram
5	Roxy Floor Plans

END OF PART 3