



# RESOURCE RISK MANAGEMENT

**Project Leadership Intellectual Services**

**"SUSTAINING CORPORATE INFRASTRUCTURE AND RESOURCES"**

*ASSET & INVESTMENT RISK   BUSINESS RISK   FIRE & LIFE SAFETY   PROJECT LEADERSHIP*





## **Project Leadership**

Resource Risk Management's ability to provide effective project leadership is based on an extensive background in managing complex upgrade, growth, life-cycle replacement and fire and life safety initiatives in existing facilities. RRM's industry preferences are telecommunications and technology, infrastructure, fire and life safety, and property building services.

The complexity of providing power, HVAC and support EPP and UPS in existing building infrastructure for new technology telecommunications equipment and data centres while maintaining existing building services requires experience, competence and project leadership in-excess of that normally deployed for construction projects.

All too often it is at the project commissioning stage that a realisation emerges that required performance levels are/or not achieved and budgets have been exceeded through critical building engineering infrastructure services being compromised by designers and constructors who are not conversant with the desired performance levels, system interactions, consequences of outages and functional requirements for the facility.

RRM will provide the methods and disciplines necessary to define goals, plan and monitor tasks and resources, identify and resolve issues, and control costs and budgets for any multidiscipline building services project. From the outset RRM provides realistic project delivery times and budget costing for the desired service level performance.

RRM provides for precise project scope definition and detailed delivery planning/strategies prepared well in advance of implementation for efficient utilisation of construction resources and installation of systems in compliance with the functional and quality requirements of the client.

## **Why RRM?**

RRM is focused on delivering building services upgrades, life cycle replacement and new installation fit out in critical operational facilities.

Given the competency required to participate in the select industry preferences some of the value propositions that RRM will add to your project include leadership, experience, accountability, responsibility and ongoing post project support.

To achieve this the RRM team includes experienced project and construction managers, programmers and contract administrators who are qualified in all aspects of project delivery including project planning, occupational health safety and environmental, quality, personnel and industrial relations management.

RRM demonstrates a pro-active approach to project management drawn from a vast experience in construction and building services projects of a variety of types and scales. The RRM project management team focuses on time, cost and quality in the delivery of our projects and commissions.



Clients are kept fully informed of issues, resolutions, costs and progress per the dictates of the RRM compliance procedure which mandates full documentation in combination with construction via the RRM Project Compliance Plan, this provides a combination of physical and documented evidence for all stakeholders that project briefs are met.

### RRM's Intellectual Services

The success of RRM's project delivery approach has been to focus our specialities to meet the specific project needs of clients. To best facilitate this, RRM offers a range of project leadership capabilities that encompass the following:

Intellectual Services Offering	Capability	Detailed Services
Project Management	Establishing project objectives and structure	<input checked="" type="checkbox"/> Scoping of Feasibility Works. <input checked="" type="checkbox"/> Scoping of Design Works. <input checked="" type="checkbox"/> Feasibility and Design Mgt.
	Project compliance, safety and security	<input checked="" type="checkbox"/> Project Compliance Plan (PCP) development. <input checked="" type="checkbox"/> Works access, JSA, MOP and OHS&E Mgt. <input checked="" type="checkbox"/> Time/EOT Mgt
	Project management	<input checked="" type="checkbox"/> Project Compliance Plan (PCP) development. <input checked="" type="checkbox"/> Program of Works (POW) development.
	Project cost and financial management	<input checked="" type="checkbox"/> Project Budget development. <input checked="" type="checkbox"/> Project Cash flow Mgt. <input checked="" type="checkbox"/> Variation and cost control Mgt.
	Project and process management	<input checked="" type="checkbox"/> CSP and ITP Mgt. <input checked="" type="checkbox"/> Quality Mgt. <input checked="" type="checkbox"/> Procurement and Materials Mgt.
Project Construction Management	Project construction management	<input checked="" type="checkbox"/> Stakeholder Mgt. <input checked="" type="checkbox"/> Construction Technical Mgt. <input checked="" type="checkbox"/> Program Mgt – Construction. <input checked="" type="checkbox"/> Mgt of shut down of BES. <input checked="" type="checkbox"/> Procurement <input checked="" type="checkbox"/> Construction Coordination Mgt.
	Commissioning management	<input checked="" type="checkbox"/> Commissioning Mgt. <input checked="" type="checkbox"/> Practical Completion. <input checked="" type="checkbox"/> Defect Rectification Mgt. <input checked="" type="checkbox"/> Mgt of hard and soft copy project documentation



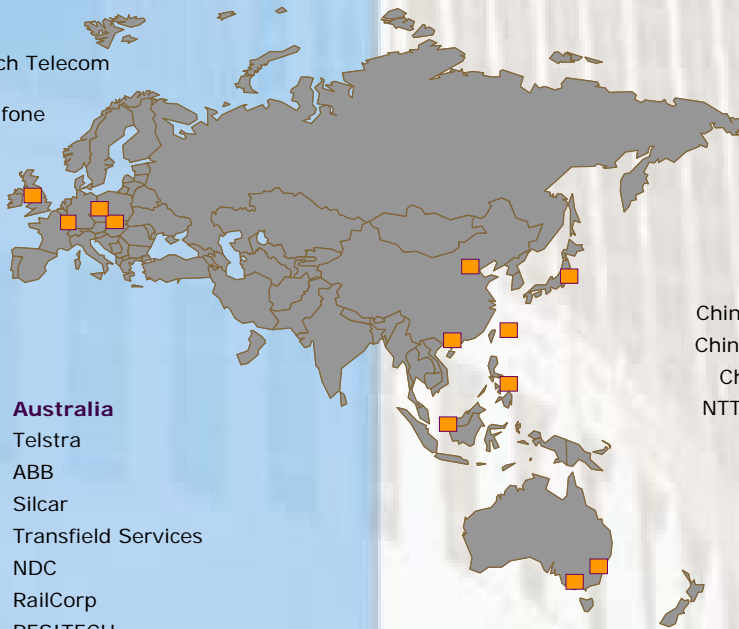
## RRM's Project Leadership Client Portfolio

RRM has delivered project and construction management services globally having managed projects for the leading telecommunications and technology and infrastructure companies.

Several of RRM major clients include:

### Europe

BT  
French Telecom  
Vodafone



### Australia

Telstra  
ABB  
Silcar  
Transfield Services  
NDC  
RailCorp  
RESITECH

### Asia

MTRC  
KCRC  
China Unicom Limited  
China Mobile (HK) Ltd  
Chunghwa Telecom  
NTT Communications

## RRM Project Portfolio

A selection of projects undertaken by RRM is provided as follows:

Project	Description	Project Value
Building Engineering Services, Growth & Lifecycle equipment replacement.	Preparation of Multiple RFT's, equipment procurement, contractor selection evaluation and award, client reporting, POW, feasibility and design management of 160 separate projects in multiple geographic locations across two years.	\$85m
Master construction management of sub-station power, UPS, EPP and chiller upgrade for a critical TE.	Design and construction management and site coordination of 10 installation contractors delivering 32 separate packages of work, management of cut over and service shut downs on a 12 month delivery program.	\$40m

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Project	Description	Project Value
Under Ground low voltage infrastructure distribution network OH&S and fire safety upgrade installation of gas, flame, VSD and CCTV.	Preparation of Multiple RFT's, speciality equipment procurement, contractor selection evaluation and award, confined space entry coordination, client reporting and cash management and construction mgt.	\$8.5m
Building Engineering Services for 3500 m2 data centre.	Preparation of Multiple RFT's, speciality equipment procurement, contractor selection evaluation and award, client reporting and cash management and construction mgt.	\$7.5m
Data Centre Essential Services fit out of fire suppression systems, smoke control and pressure venting.	Preparation of construction RFT's, contractor selection evaluation and award, client reporting and cash management. Site coordination of installation contractors, management of cut over and service shut downs	\$2.5m
Master program of works management for national implementation of building engineering services upgrades.	Preparation of Multiple programs for 160 projects nationally integrated into a single master program, with statistical forecasting for cash flow and project delivery.	\$1.8m
Under Ground infrastructure distribution network structural remedial works.	Preparation of Multiple RFT's, speciality equipment procurement, contractor selection evaluation and award, client reporting and cash management and construction mgt.	\$1.5m
Fire services upgrade for a critical rail infrastructure facility.	Preparation of construction RFT's, contractor selection evaluation and award, client reporting and cash management and construction mgt.	\$500k

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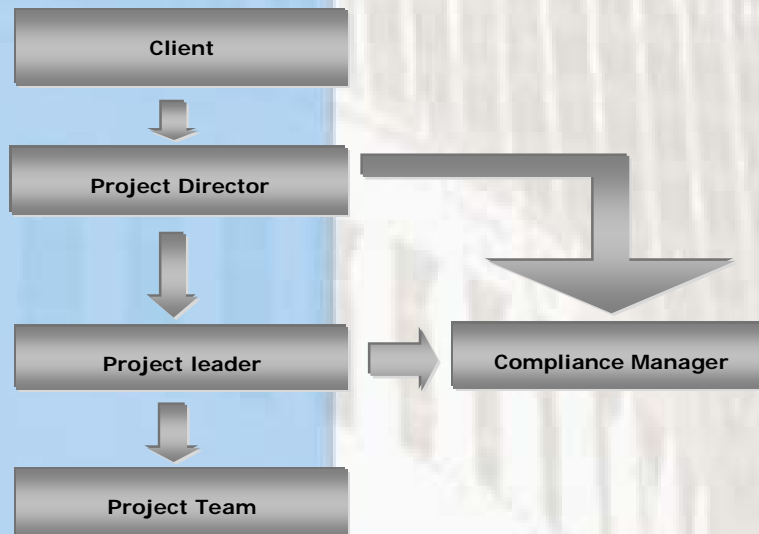




## Delivery Structure

RRM's service delivery is based on key client communication to ensure that the client team is kept fully informed of progress, issues, impacts and duty of care discoveries as per the dictates of the RRM compliance procedure which mandates the compilation and retention of various levels of formal documentation and evidence to support all recommendations and actions.

This responsibility is exercised through a formal project and reporting structure generally as follows:



RRM operates central offices in each major region of participation to support its intellectual services. Central office locations are:

### Australia:

Level 3, 1 Booth Street  
Annandale Sydney  
Australia NSW 2038  
Telephone: + 61 2 9571 7551  
Facsimile: +61 2 9571 7881  
Email: [rrmaust@rrm.com.au](mailto:rrmaust@rrm.com.au)  
[www.rrm.com.au](http://www.rrm.com.au)

### Asia:

Unit 2, 11/F  
148 Electric Road  
Northpoint Hong Kong  
Telephone: + 852 2590 0882  
Facsimile: + 852 2590 0833  
Email: [general@rrm.com.hk](mailto:general@rrm.com.hk)  
[www.rrm.com.hk](http://www.rrm.com.hk)

### Europe:

Lussiweg 8  
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