

**THE INSTITUTION OF ENGINEERS, AUSTRALIA (WESTERN AUSTRALIAN DIVISION)  
WA ENGINEERING EXCELLENCE AWARDS**

1909	Western Australian Institution of Engineers (WAIE) founded
1910	Inaugural year of operation
1911	WAIE incorporated
1919	Engineers Australia formed, WAIE a foundation member
1920	WAIE name changed to the Perth Division of Engineers Australia
1927	5 <sup>th</sup> Annual Engineering Conference hosted by Perth Division
1969	Perth Division name changed to the Western Australia Division
1979	Diamond Jubilee Conference hosted by WA Division
2000	WA Division had over 7,000 members

*Source:*

<[http://www.engineersaustralia.org.au/divisions/western-australia-division/about-us/about-us\\_home.cfm](http://www.engineersaustralia.org.au/divisions/western-australia-division/about-us/about-us_home.cfm)>

PRIVATE ARCHIVES MANUSCRIPT NOTE (MN2836; ACC 7741A, 9594A, 9595A)

SUMMARY OF CLASSES	
WA ENGINEERING EXCELLENCE AWARDS	

Acc. No.	DESCRIPTION
	ENTRIES FOR ENGINEERING EXCELLENCE AWARDS
7741A/1	1987 Western Australia and 1988 National:- a) BHP Engineering – Mt Newman Mining Company Pty Ltd, North Wall Geotechnical Study; b) Marine and Harbours Western Australia Engineering Division – Hillarys Boat Harbour; c) Telecom Australia WA – Telecommunication for the America’s Cup; d) BHP Engineering – Blast Resistant Enclosures for Liquid natural Gas Plant, North West Shelf Project; e) Lincolne Scott API – Lighting Installation , Esplanade Plaza Hotel, Fremantle; f) Lincolne Scott API – The Casino in Burswood Island Resort, Perth; h) Kinhill Engineers Ltd – Frozen Fresh Fries and Peas Processing Facility, Manjimup (Edgell Birds Eye); i) Building Management Authority of Western Australia, Structural Engineering Branch – Balga College of TAFE, Furniture Trades Building; j) Department of Administrative Services, Australian Construction Services, Western Australia – Royal Australian Air Force RAAF Base, Curtin; k) Westrail Civil Engineering Branch, Track Structures Section – Performance of Glued and Bolted Fish plated Joints in 60lb Western Australian Rail; l) Bruechle, Gilchrist and Evans Ltd – Lighting Towers of Western Australian Cricket Association, WACA Ground, Perth; m) Main Roads Department, WA – Mandurah Bypass Stage 2; ( <i>Housed in OSM</i> ) n) Commonwealth Department of Housing and Construction – The New Perth Airport International Complex ( <i>Housed in OSM</i> ) o) Alcoa of Australia & Baker Process Technology – Ninety metre Thickener for Red Mud, Pinjarra;
7741A/2	1988 Western Australia and 1989 National:-

	<p>a) Main Roads Department, Western Australia &amp; GHD Dwyer Pty Ltd – Munjina Gorge National Highway; (<i>Housed in OSM</i>)</p> <p>b) Wood and Grieve Pty Ltd – Mineral House, Stage II Building;</p> <p>c) Wood and Grieve Pty Ltd – Precast and Insitu Concrete Support Structure, Graham Investment Apartments, Nedlands;</p> <p>d) Kinhill Engineers PL and BHP Engineering Joint Venture – Boddington Gold Mine;</p> <p>e) Riedel and Byrne, Consulting Engineers Pty Ltd – Dawesville Channel Coastal Engineering Studies;</p> <p>f) Acet Ltd ( Receiver and manger appointed) – Protective Relay Test System;</p> <p>g) Bunbury Water Board – Covered Reservoir</p>
7741A/3	<p>1989 Western Australia and 1990 National</p> <p>a) BHP Engineering Pty Ltd – Tambrey Community Centre, Karratha</p> <p>b) Main Roads Department Western Australia &amp; Maunsell and Partners Pty – Redcliffe Bridge (<i>Housed in OSM</i>)</p> <p>c) Woodside Offshore Petroleum Pty Ltd – North Rankin A Platform Foundation Project (2 volumes)</p> <p>d) Kinhill Engineers Pty Ltd and BHP Engineering Joint Venture – Boddington Gold Mine, WA: Expansion to 60 MTPA, New 1500 TPH Crushing Facility</p> <p>e) Kinhill Engineers Pty Ltd and BHP Engineering Joint Venture – Boddington Gold Mine, WA: Plant Automation Upgrade</p> <p>f) Lincolne Scott APL – The Superdome at Burswood Resort, Perth</p> <p>g) Wood and Grieve Pty Ltd – Post-tensioning of Gloucester Park Stands</p> <p>h) Connell Group – No. One Adelaide Terrace, Perth</p> <p>i) Bruechle, Gilchrist and Evans Pty Ltd – Forrest Place – City Station Redevelopment: “A New Heart for Perth”</p> <p>j) Dames and Moore – 339kV Transmission Line Corridor Route Selection Study: Pinjar to Hill River, Review for SECWA</p> <p>k) Main Roads Department, Plant &amp; Mechanical Branch – Dual Bar Bitumen Sprayer: Design and Development</p> <p>l) Connell, Campbell &amp; Drew – City West Electrical Services Installation</p>
7741A/4	<p>1990 Western Australia and 1991 National</p> <p>a) MRD WA, Transperth and Bruechle, Gilchrist and Evans Pty Ltd – Kwinana Freeway Bus Lane Extension (<i>Housed in OSM</i>)</p> <p>b) BHP Engineering Pty Ltd and Merz Australia Pty Ltd – Goldsworthy Mining Ltd: Extension Project, Beneficiation Plant</p> <p>c) Sheddon Pacific Pty Ltd and Australian Gold Reagents Pty Ltd – Sodium Cyanide Plant, Kwinana</p> <p>d) GBH &amp; Parkin Pty Ltd and the Water Authority of Western Australia – South Jandakot Drainage Management Plan</p> <p>e) C.C. Chase &amp; Associates, Consulting Engineers (Building Services Division of Merz Australia PL) – St Luke’s College, Karratha (mechanical &amp; electrical services)</p> <p>f) Merz Australia Pty Ltd – Goldsworthy Mining Ltd Extension Project: Finucane Island, Nimingarra</p> <p>g) Sinclair Knight &amp; Partners Pty Ltd – The Two Rocks Recreation Centre</p> <p>h) Sinclair Knight &amp; Partners Pty Ltd – Mindarie Keys project (Building &amp; Civic Design Category)</p> <p>i) Halpern Glick Maunsell – Henderson Sanitary landfill</p> <p>j) 1990 Engineering Excellence Awards. Simcoa Silicon Project Kemerton</p>
7741A/5	<p>1991 Western Australia and 1992 National:-</p> <p>a) United Construction Group Pty Ltd – Scuddles Project for Murchison Zinc Co PL;</p> <p>b) BHP Engineering PL – Bunbury Inner Harbour Development Plan;</p> <p>c) OTC Ltd, Civil &amp; Civic (WA) Ltd with Engineering Research &amp; Design PL &amp; Environ Mechanical Services PL – Perth International communications Centre, Landsdale (Gnangara) (category winner);</p> <p>d) BHP Engineering PL – Ore Pier Restoration at Port Hedland (+ loose photos);</p>

	<p>e) Minenco PL – Channar Iron Ore Mine Project (joint category winner) for Channar Mining Joint Venture [Channar Mining PL (Hamersley Iron) and CMIEC (Channar) PL];</p> <p>f) Merz Australia PL – ICI Herbicide Granule Manufacturing (category winner);</p> <p>g) Merz Australia PL – Power Control and Energy Management Systems for CSBP &amp; Farmers Ltd, Kwinana Works;</p> <p>h) Water Authority of Western Australia – The Harris Dam Project (highly commended);</p> <p>i) Merz Australia PL – Mica Creek Power Station Extension: Mount Isa Mines Ltd, Mount Isa;</p> <p>j) Kinhill Engineers – Boddington Gold Mine Supergene/Basement (joint category winner);</p> <p>k) Gutteridge, Haskins &amp; Davey Pty Ltd – Boddington Gold Mine Residues Dam Accessway, for Worsley Alumina Pty Ltd;</p>
7741A/6	<p>1992 Western Australia</p> <p>a) Merz Australia PL – Power System Upgrade, Mount Isa Mines Ltd</p> <p>b) CCD Australia, Consulting Engineers – Casuarina Prison, Services Engineering (winner)</p> <p>c) Clough Engineering Group – Manufacture &amp; Installation of Ship Control &amp; Propulsion Training Simulation for Collins Class Submarines (highly commended) + loose photos &amp; press release</p> <p>d) Atwood Oceanics Australia PL – Goodwyn “A” Drilling Facilities (highly commended)</p> <p>e) Westrail Engineering Branch, Electrical Systems Division – Remote Interface Model (RIM) for Perth Urban Rail Electrification Project + Software Reference Manual (TM 18) + Hardware Reference manual (TM 15) + Fwd Maintenance Manual (TM 7) (highly commended)</p> <p>f) Woodside Offshore Petroleum – North Rankin A Trunk Line: Remedial Stabilisation Project (winner) + video (Dumping Down Under)</p> <p>g) Minproc Engineers PL with Kerr McGee Chemical Corp – Tiwest Pigment Plant, Kwinana</p> <p>h) Hardcastle &amp; Richards PL – Design of Sinbad &amp; Campbell Offshore Platforms for Harriet Gas Gathering Project, for Hadson Energy Ltd (highly commended) + 4 loose photos</p> <p>i) Water Authority of WA – The New Victoria Dam Project (category winner)</p> <p>j) Westrail – Perth Urban Rail Electrification (Vol 1 + Vol 3 with video) (category winner) + loose photos</p> <p>k) Halpern Glick Maunsell – Brockway Road Sanitary Waste Transfer Station</p> <p>l) Westrail – Driver Assist Video System (DAVS)</p> <p>m) BHP Engineering – Total Quality Management (TQM) in BHP Engineering</p>
7741A/7	<p>1993 Western Australia and 1994 National:-</p> <p>a) BHP Engineering PL _ Worsley Alumina Raw Materials Control System: Upgrade Project;</p> <p>b) Westrail – Northern Suburbs Transit System (category winner);</p> <p>c) Transfield ASI PL – Patrol Boat Design/Construction (category winner);</p> <p>d) UWA Engineering Graduate’s Association – Proposed National Engineering Heritage Centre (at UWA) + loose papers;</p> <p>e) Australian Construction Services – Christmas Island Rebuilding Programme + loose papers;</p> <p>f) Barwood Parker PL – Design of Wisma Genting Stages I &amp; II, Kuala Lumpur (highly commended) + press release;</p> <p>g) Merz Australia PL &amp; BHP Iron Ore – North Yard Upgrade, Nelson Pont Development, Port Hedland (category winner);</p> <p>h) Main Roads WA – VODEL Project (Voice Defect Logging);</p> <p>i) Water Authority WA – The Beenyup Ocean Outfall No. 2 + 3 loose photos;</p> <p>j) Sinclair Knight PL &amp; CSBP &amp; Farmers Ltd – Albany Fertiliser Works (category winner) + loose photos &amp; press release;</p> <p>k) Clough Engineering Ltd – Detailed Engineering Phase of Pagerungan Besar Gas Field Development Project (highly commended) + 4 loose photos;</p> <p>l) State Energy Commission of WA – SECWA Electrical Requirements 1993 (Electrical Regulating Services Branch) (highly commended) + loose photos;</p> <p>m) Sagasco Resources Ltd – Beharra Springs Project;</p> <p>n) Signet Boulderstone Hornibrook JV – Greenbushes Hardorck Tantalum Plant for Gwalia Consolidated Ltd (highly commended);</p> <p>o) Woodside Offshore Petroleum PL – Pipeline Emergency Isolation System (highly</p>

	<p>commended);</p> <p>p) Main Roads WA - Three Cable Stayed Footbridges, Mitchell Freeway, Perth (<i>housed in OSM</i>)</p>
7741A/8	<p>1994 Western Australia :-</p> <p>a) Alcoa of Australia Ltd – Wagerup Alumina Refinery Expansion (with video);</p> <p>b) Hamersley Iron PL and CSR Readymix – Brockman No. 2 Detritals Project;</p> <p>c) State Energy Commission of WA – Ten Mile Lagoon Wind Farm;</p> <p>e) Ove Arup &amp; Partners – Stirling Station – Northern Suburb Railway;</p> <p>f) Thiess Contractors PL, Department of Transport, Main Roads Western Australia and Bruechle, Gilchrist and Evans PL – Port Bouvard Bridge;</p> <p>g) BSD Consultant PL – A Road Safety Strategy for Local Government WA</p> <p>h) Barwood Parker PL – Department of Land Administration, Midland;</p> <p>i) Main Roads Western Australia – Albany Highway Widening Project (Leach Highway to Nicholson Road);</p> <p>j) BHP Engineering PL and BHP Iron Ore PL – Nelson Point Development Project – south Yard Ground Improvement;</p> <p>k) Argyle Diamonds – Argyle Diamonds Plant Upgrade Project;</p> <p>l) State Energy commission of WA Distribution (Services Branch) – Distribution Design Manuals;</p> <p>m) State Energy Commission of WA, CMPS &amp; F Group and Transfield Technologies – Muja Power Station Stages A &amp; B Plant Life Extension Project;</p> <p>n) Sheddon Pacific PL and BP Refinery (Kwinana) PL – Lubes Plant Debottleneck;</p> <p>o) Worley Exearne Joint Venture – North Rankin Platform Reliability Upgrade;</p> <p>p) West Australian Petroleum PL – The Roller/Skate Joint Development Project;</p> <p>q) H.M. Bark Endeavour Foundation PL – The Endeavour Replica;</p> <p>r) Gutteridge Haskins &amp; Davey PL – Northern Suburbs Transit System Edgewater to Currabmine; (<i>housed in OSM</i>)</p> <p>s) Gutteridge Haskins &amp; Davey PL – Observation Rise Residential Resort and Commercial Development; (<i>Housed in OSM</i>)</p>
7741A/9	<p>1995 Western Australia</p> <p>a) Dynamic Technology PL – Multiple Access Digital Answering machine (MADAM)</p> <p>b) Dynamic Technology PL – Ezimark (automatic spraying of identification marks onto wool bales)</p> <p>c) Connell Wagner PL – Lakeside Joondalup Shopping City</p> <p>d) Water Authority of Western Australia – North Dandalup Dam</p> <p>e) Barwood Parker Australia PL – Subiaco Oval Southern Stand</p> <p>f) Australian Construction Services – HMAS Stirling Fleet (Diamantina) Pier</p> <p>g) Main Roads Western Australia – “Focus on the Customer” – Re-engineering the Delivery of Technical Services</p> <p>h) G.B. Hill &amp; Partners PL – Bartram Road Buffer Lake (South Jandakot Drainage Scheme)</p> <p>i) Connell Wagner PL and Co-operative Bulk Handling Ltd – CBH Geraldton Grain Terminal Upgrade</p> <p>j) Civmec Construction &amp; Engineering PL – Perseverance Underground Crusher: Concrete Works (WMC Leinster Nickel Operations)</p> <p>k) Water Authority of Western Australia – Pemberton Wastewater Scheme</p> <p>l) Waterways Commission – Development &amp; Use of Algae Harvesting Equipment in WA</p> <p>m) Main Roads Western Australia – Truck Arrester Bed Trials</p>
7741A/10	<p>1996 Western Australia</p> <p>a) Dames &amp; Moore – Fremantle Prison Tunnels Remediation Project;</p> <p>b) BHP Iron Ore – BHP Iron Ore Solar Powered Signalling;</p> <p>c) CMPS &amp; F PL Environmental Division – Rehabilitation of the Former East Perth Gasworks Site;</p> <p>d) Strachan &amp; Henshaw Australia PL – Nelson Point Car Dumper No.2 Replacement;</p> <p>e) Wood &amp; Grieve Engineers – Berth 8 Project, Bunbury Port Authority;</p> <p>f) Worley Ltd and Wesfarmers CSBP Ltd – Wesfarmers CSBP Ammonium Nitrate Project;</p>

	<p>g) Main Roads Western Australia – Applied Research, Technology and Standards (ARTAS);</p> <p>h) John Holland Construction &amp; Engineering PL and Halpern Glick Maunsell PL – LPG and Condensate Loadout Jetty Project;</p> <p>i) Bunbury Water Board and Rein Loo L&amp; Associates PL – Spencer Water Treatment Plant Upgrade;</p> <p>j) The Water Corporation – Operations &amp; Maintenance Alliance Contracts for Perth Metropolitan Water &amp; Wastewater Systems;</p> <p>k) Kinhill Engineering PL – East Perth Redevelopment Project;</p> <p>l) Kinhill Engineering PL – Republic of Singapore Air Force Flying Training School Facilities, RAAF Base Pearce;</p> <p>m) The Water Corporation, WOMA (Australia) PL and Avon Lippiat Hobbs (Contracting) Ltd – The Goldfields Pipeline Refurbishment Project;</p> <p>n) Sinclair Knight Merz, BHP and Pilbara Energy Ltd – Pilbara Energy Project, Port Hedland and Newman Power Stations;</p> <p>o) Murdoch University Department of Engineering – Curriculum Design for Engineering courses at Murdoch University;</p> <p>p) Sinclair Knight Merz – Alcoa of Australia Ltd, B30 Hydrate Facility Project</p>
7741A/11	<p>1997 Western Australia</p> <p>a) BHP Titanium Minerals PL – Beenup Titanium Minerals Mine</p> <p>b) Geosys GIS Consultants PL and Ministry of Planning – GRAPE (Geographical Information System) “Bringing GIS Power to the People”</p> <p>c) BHP Research, Bisalloy Steels PL and Roche Bros PL – Steel Membrane Truck Body Floor</p> <p>d) Woodside Offshore Petroleum Ltd – Advanced process Control of Natural Gas Liquids Stabilisation Units</p> <p>e) Sinclair Knight Merz PL – Argyle Diamond Mine Hydrocarbon Management</p> <p>f) Main Roads Western Australia – South Coast Mineral Sands Transport Route</p> <p>g) Western Power Corporation – Retrospective Undergrounding of Urban Distribution Networks</p> <p>h) PPK Environment &amp; Infrastructure – Environmental Restoration Plan, NCS Harold E. Holt</p> <p>i) Bikewest (Department of Transport) – The Perth Bicycle Network Plan</p>
7741A/12	<p>1998 Western Australia</p> <p>a) Main Roads Western Australia – Aboriginal Road Plant Organisation – Kimberley region</p> <p>b) Alcoa of Australia and Kaiser Engineers PL – Alcoa Kaiser Alliance</p> <p>c) Halpern Glick Maunsell PL and Centre for Oil and Gas Engineering, University of Western Australia – Hydrodynamic Model research of Air-lifted Concrete Structure</p> <p>d) Gutteridge, Haskins &amp; Davey PL and Main Roads Western Australia – Kwinana Freeway Master Plan</p> <p>e) Transfield Construction WA – Metro Grain Centre, Forrestfield (2 volumes)</p> <p>f) Connell Wagner PL, Defence Regional Estate Centre WA, Australian Defence Force Academy and Matair Engineering – Mock-up Aircraft Repair, RAAF Base Pearce</p> <p>g) Water Corporation of Western Australia and DA Lord &amp; Associates PL – Perth Long-term Ocean Outlet Monitoring (PLOOM programme)</p> <p>h) Kinhill PL – Redevelopment of Whatley Crescent in Maylands for Homeswest</p> <p>i) Bocol Constructions PL – Refurbishment of Canning Bridge</p> <p>j) WMC Resources Ltd and Simon Carves Australia – Kalgoorlie nickel Smelter: Smelter Environmental Project</p> <p>k) Murdoch University – The Instrumentation and Control Laboratory</p> <p>l) Sinclair Knight Merz, Water Corporation, Thiess Contractors, John Holland and Alfa Laval – Woodman Point Wastewater Treatment Plant: New Sludge Treatment Facilities</p>
7741A/13	<p>1999 Western Australia:-</p> <p>a) Transfield Management WA – Environmental Management of Rottnest Island for Rottnest Island Authority;</p> <p>b) Hamersley Iron PL, Logitech Consultants – East Intercourse Island : Control System Upgrade;</p> <p>c) Agitek Engineering PL, Eastman Fort &amp; Partners PL, Yenem Engineering Services – Bunbury</p>

	<p>Port Authority Mobile Ship Loading Facility;</p> <p>d) Transfield Maintenance WA – Environmental Management of Rottnest Island for Rottnest Island Authority;</p> <p>e) Barclay Mowlem Construction Ltd – Coal Conveyor to Muja &amp; collie Power Stations;</p> <p>f) Hamersley Iron PL and Technology Applications PL – Automated Sample Plant &amp; Laboratory Facilities Parker Point &amp; East Intercourse Island Ports;</p> <p>g) NDC Ltd (Network Design &amp; Construction) Telstra Corporation “Networks WA” – Perth CBD Mobiles Microcell Network;</p> <p>h) Department of Commerce &amp; Trade and City of Cockburn – North Coogee Landscape Project;</p> <p>i) Western Power Corporation – Muja Waste Water Treatment Plant;</p> <p>j) Western Power Corporation and Power Corporation PL – Denham Wind Farm;</p> <p>k) Water Corporation of Western Australia – Busselton Wastewater Treatment Plant;</p> <p>l) Transfield MacMahon Joint Venture, Department of Defence, Kinhill PL, Gutteridge Haskins &amp; Davey PL and Connell Wagner – RAAF Base Learmonth Development Project;</p> <p>m) Multiplex Construction PL, Subiaco Redevelopment Authority, Ove Arup &amp; Partners, Westrail, Connell Wagner and Coney Stevens Project Management PL – Subiaco Railway Tunnel &amp; Station Project;</p> <p>n) WMC Resources, Kinhill Engineers – Kalgoorlie Nickel Smelter: Sulphuric Acid Road loading Facility;</p> <p>o) Worley Limited – Wellhead Platform Developments for Gulf of Thailand;</p> <p>p) Fluor Daniel PL – Yandi (HIY) Project;</p> <p>q) Western Power Corporation – Kwinana Power Station : Reinventing a Modern Business Asset;</p> <p>r)Western Power Corporation and ABB / Itochu Consortium – Collie Power Station;</p> <p>s) Water Corporation – “Maintaining the Flow” : Refurbishing C.Y. O’Connor’s Perth to Kalgoorlie Water Pipeline;</p> <p>t) Gutteridge Haskins &amp; Davey PL and Water Corporation – Outsourcing Engineering Design for the Water Corporation;</p> <p>u) Gutteridge Haskins &amp; Davey PL and Peters &amp; Brownes Group – Peters &amp; Brownes group Balcatta Manufacturing Plant Upgrade;</p> <p>v) I &amp; E Systems PL, Woodside Energy Ltd and Transfield Worley – North Rankin A Fire &amp; Gas System;</p> <p>w) Sinclair Knight Merz, BHP Iron Ore – BHP Iron Ore Capacity Expansion Project Port Hedland WA;</p> <p>x) Western Power Corporation, Wilson Transformers, Stockdon River PL – Rapid Response Spare Transformer;</p> <p>y) Gutteridge Haskis &amp; Davey PL, Wesfarmers Coal Ltd and United Construction PL Wesfarmers Coal Premier Coal Mine (Collie);</p> <p>z) Brierty Contractors – Wonnerup: Tutunup Road Reconstruction (with video);</p> <p>aa) Shedden Uhde PL and BP Refinery (Kwinana) PL – BP Refinery Furnace Upgrade;</p> <p>bb) Orbital Engine Company PL – Genesis 2 Stroke Engine ; 100 Vehicle Fleet Trial;</p> <p>cc) Woodside Energy Ltd, I &amp; E Systems and Honeywell Ltd – Woodside Onshore Instrument Systems Upgrade;</p> <p>dd) Brown &amp; Root Energy Services PL and BOS Australia PL – Apache Wonnich Field Development;</p> <p>ee) EGIS Consulting Australia, Evangelisti Associates, Ascot Waters – Ascot Waters (with video);</p> <p>ff) Woodside Energy Ltd, PNDD, Ocean Industries (WA) PL and AEA Technology Energy PLC – BRUCIE Big Robotic Underwater Caisson Inspection Equipment (with video);</p> <p>gg) Stott Comex Seaway Australia PL, Port &amp; Harbour Consultants, SMEC, Kalcon Earthmoving and Department of Resource Development – Surf Zone Mobile Drill Rig</p> <p>hh) Tiwest Joint Venture, Western Power Corporation, Transfield Power Projects – Tiwest Cogeneration Plant</p>
7741A/14	2000 Western Australia



	<ul style="list-style-type: none"> <li>a) I &amp; E Systems PL – DAD – The Missing Link Between Automation, IT and Engineering</li> <li>b) RF Innovations PL – High Performance Wireless Digital Video Transmission System</li> <li>c) Rolls-Royce Paklog – Integration of Intelligent Motor Control for the Worsley Expansion Project + PowerPoint Presentation</li> <li>d) Stirling Alliance – Stirling to Harvey Pipe and Roads Project</li> <li>e) Water Corporation and Brown &amp; Root Services Asia Pacific PL – Dunsborough Wastewater Treatment Scheme</li> <li>f) Kinhill PL – Ord River Irrigation Area Stage 2: Proposed Development of the M2 Area</li> <li>g) Water Corporation, Hunter Watertech PL, PCT – Process Control Technology PL – Riverwise SCADA Serving the Community – “Saving Our Environment”</li> <li>h) Gutteridge Haskins &amp; Davey PL – Marlston Hill Redevelopment (Bunbury)</li> <li>i) Boulderstone Clough Joint Venture – Graham Farmer Freeway Stage 1</li> <li>j) Gutteridge Haskins &amp; Davey PL – “Drought Proofing Perth” Yarragadee Bores and Belmont Pumping Station</li> <li>k) John Holland PL – Subiaco Oval Redevelopment Stage 3</li> <li>l) Kvaerner Facilities Management and Woodside Energy Ltd – Installation of an Integrated Integrity System for the Northern Endeavour FPSO Facility</li> <li>m) Stirling Alliance – Stirling to Harvey Pipe and Roads Project</li> <li>n) Gutteridge Haskins &amp; Davey PL – GHD Staff Training &amp; Development</li> <li>o) Tidal Energy Australia PL, Gutteridge Haskins &amp; Davey, Leighton Construction PL – Derby Tidal Power Project (3 volumes)</li> <li>p) Tiger Engineering – Paradigm Product Development: Tiger LS40 Log Loader/Stacker</li> <li>q) Transfield Maintenance Engineering – Western Region – Physical Modelling of Transfer Chutes</li> <li>r) Gutteridge Haskins &amp; Davey PL, Laurie Fromholtz &amp; Assoc. PL and Philip Xeros PL – Great Southern Regional Cattle Saleyards</li> <li>s) HBH Consultants – The Cooljarloo Mine Upgrade Project</li> <li>t) Barwood Parker Australia PL Subiaco Oval Redevelopment</li> <li>u) Q-Mac Electronics PL – HF-90H Frequency Hopping Radio</li> <li>v) Uniwell Systems PL – WaiterPad</li> <li>w) Advanced Energy Systems – Homebush Solar Power Station</li> </ul>
7741A/15	<p>2001 Western Australia</p> <ul style="list-style-type: none"> <li>a) Transfield Construction, WA Department of Justice, AIMS Corporation PL, Sinclair Knight Merz PL, Norman Disney &amp; Young PL, Department of Housing and Works, Steens Gray &amp; Kelly PL, Brown &amp; Root Services Asia Pacific PL and Transfield Services (Australia) PL – Acacia Prison;</li> <li>b) Water Corporation, Brown &amp; Root Services Asia Pacific PL, Walter Construction Group Ltd, Geo-Eng Australia PL, Structural Systems Ltd – Canning Dam Remedial Works;</li> <li>c) Worley Ltd, United Maintenance and BP Refinery (Kwinana) PL – BP Kwinana Euro 2/3 Clean Fuels Project;</li> <li>d) Water Corporation and Gutteridge Haskins &amp; Davey PL – “Quenching Perth’s Thirst”: Bringing Stirling Reservoir to Perth;</li> <li>e) Control &amp; Thermal Engineering PL and Alcoa World Alumina Australia – Potable Water Cooling Module;</li> <li>f) Honeywell Ltd – Honeywell Australia – Business Excellence;</li> <li>g) Gutteridge Haskins &amp; Davey PL, Department of Transport &amp; Regional Services – Dash for Power: The Emergency Restoration of Power to Home Island [Cocos (Keeling) Islands];</li> <li>h) Tenix Shipbuilding WA – The Search and Rescue Vessel Project;</li> <li>i) SMR Electronics PL – Design of 20 Gbps Data Switch Chipset;</li> <li>j) Office of Energy WA – Gas Standards (Gas Supply and System Safety) Regulation 2000;</li> <li>k) Water Corporation, The IT Group Hydrotechnics and Gutteridge Haskins &amp; Davey PL – Bridgetown Wastewater Scheme;</li> <li>l) Woodside Energy Ltd and Dril-Quip Holdings PL – Conductor Pile Hydraulic Disconnect System;</li> <li>m) SMR Electronics PL – Design of a 20Gbps Data Switch Chipset;</li> </ul>

	<p>n) Main Roads Western Australia – On line Road and Traffic Engineering Manual;  o) Wavenet International Limited – Dualwave V Wireless Modem;  p) Arbotech Industries Limited – Arbotech Airboard Project;  q) Halpern Glick Maunsell PL – Onslow solar Saltfield Project;  r) Woodside Energy Limited and Dri-Quip Holdings PL – Conductor Pile Hydraulic Disconnect System;  s) Meridian Engineers PL – Bin Weight Monitoring System;  t) Worley Ltd and Transfield Worley – Worley Enterprise Management System 2000;  u) Coflexip Stena Offshore Asia Pacific PL and Advanced Geomechanics – Legendre Anchor Pile System;  v) John Holland PL – Swan Bells;  w) Transfield Construction WA and Co-operative Bulk Handling Ltd – CBH Grain Terminal Upgrade, Esperance;  x) Bruechle, Gilchrist &amp; Evans PL, Thiess PL, Main Roads Western Australia, Gutteridge Haskins &amp; Davey PL – Kwinana Freeway Interchanges and Extension Project;  y) Worley Limited, BP Refinery (Kwinana) PL and United Maintenance PL – BP Kwinana Euro 2/3 Clean Fuel Project;  z) Main Roads Western Australia –Asset Management Planning Process in Main Roads Western Australia;  aa) Brandrill Limited – Brandrill ‘In-Hole’ PCF™ Cartridge + Video</p>
7741A/16	<p>2002 Western Australia  a) Thompson McRobert Edgeloe PL – Bunbury Trotting Complex  b) Water Corporation – The Rural Water Supply Improvement Program  c) GHD PL – Bringing Together a Community (<i>Housed in OSM</i>)  d) The Woodman Alliance: Water Corporation, Clough Engineering Limited and Haliburton KBR PL – The Woodman Point Environmental Enhancement Project  e) Water Corporation, GHD Pty and Leighton Contractors PL – Construction of the Harvey Dam  f) Esperance Port Authority, John Holland PL, Kerman Contracting, Environmental Risk Solutions, Jesz Fleming &amp; Associates – Esperance Port Upgrade  g) Sinclair Knight Merz PI and City of Albany – HMAS Perth Artificial Reef Project  h) GHD PL – Engineering Solutions Bring New Hope to State’s Dryland Salinity Disaster (Beacon catchment)  i) Organic Resource Technologies Limited – Waste Treatment Prototype Plant Based on DICOM Technology  j) Henry Walker Eltin – Clough Joint Venture, Main Roads Western Australia, Department of Planning &amp; Infrastructure and Haliburton KBR PL – Kwinana Freeway Bus Transitway  k) The Woodman Alliance: Water Corporation, Clough Engineering Limited and Haliburton KBR PL – The Woodman Point Environmental Enhancement Project  l) Esperance Port Authority, John Holland PL, Kerman Contracting, Environmental Risk Solutions, Jesz Fleming &amp; Associates – Esperance Port Upgrade  m) Water Corporation and Black &amp; Veatch PL – Improving the Taste &amp; Odour of Perth Water (Wanneroo MIEX Plant)  n) Transfield Tunnelling and SMEC Australia PL – Perth Main Sewer Replacement – Section 3  o) Bassett Consulting Engineers – Aquifer Cooling at the Western Australian Maritime Museum  p) GHD PL – “Improving the View”, Minim Cove (Rocky Bay)  q) Worley Limited – North Pailin for Unocal (Processing Platform, Gulf of Thailand) + PowerPoint presentation  r) Ausenco Limited – Chatterer Gold Project (Thailand) + PowerPoint presentation  s) GRD Minproc Limited – Eastern Creek UR – 3R Facility (Urban Resource – Reduction, Recovery and Recycling)  t) Kiam Corporation Limited and Iluka Resources Limited – Narngulu Synthetic Rutile Plant – SR4 Major Maintenance Outage  u) Transfield Worley and Woodside Alliance – Risk Management System Database</p>



	<p>v) ARRB Transport Research Ltd, Romteck PL and Australian Coal Association Research Program – Pro-active Fatigue Management System</p> <p>w) McGarf International PI – McGarf Laser Alignment System</p> <p>x) Bulkwest PL and GHD PL – Bulkwest Circular Storage System</p> <p>y) Rojan Advanced ceramics PL, Key Group – Engineered Ceramic Lined Box Bend</p> <p>z) Sinclair Knight Merz PL, Rio Tinto PL, and Robe River Iron Associates – West Angelas – Process Plant and Car Dumper</p> <p>aa) Lynxrail – New Generation Iron Ore Wagon</p> <p>bb) Terpkos &amp; Santillo PL – The Clink Nightclub &amp; Madonna’s Café, Fremantle</p>
7741A/17	<p>a) 1990 – 1996 Judges’ comments and award entry rules</p> <p>b) 1993 – 2002 Award entry booklets – includes key to entry numbers</p> <p>c) 1993-2003 Booklets of entries (IEAWA no 24)</p>
9594A/1	<p>2003 Western Australia</p> <p>a) Main Roads Western Australia, Henry Walker Eltin, Maunsell – Mt Magnet to Leinster Road, Youanmi to Agnew Section</p> <p>b) Aboriginal Housing Infrastructure Unit, Smith &amp; Hooke Architects, Sinclair Knight Merz – Parnpajinya Aboriginal Community Development</p> <p>c) Australian Army 21<sup>st</sup> Construction Squadron, 19<sup>th</sup> Chief Engineer Works – ATSIC Army Community Assistance Program in North West Australia</p> <p>d) Alcoa – Wagerup Refinery emissions reduction program</p> <p>e) Water Corporation, CEE, Dal Science+Engineering Environmental Consultants, GHD – A New Era in Wastewater Management, Bunbury Ocean Outfall</p> <p>f) GHD, Water Corporation – Odour Assessment and Management</p> <p>g) Main Roads Western Australia, Leighton, GHD – Roe Highway Stages 4/5, Welshpool Road to Nicholson Road</p> <p>h) Water Corporation, Georgiou Group Drilline – A pipe within a pipe, Kingsway collection sewer refurbishment</p> <p>i) GHD, Sinclair Knight Merz, Australian Marine Complex Cockburn Sound, Department of Housing and Works – Australian Marine Complex Southern Harbour and Fabrication Precinct Development</p> <p>j) Connell Mott MacDonald – ESA 35 Metre Antenna Base</p> <p>k) Connell Mott MacDonald – WA Maritime Museum</p> <p>l) Multiplex, GHD, Department of Housing and Works – “Spirit building”, WA Maritime Museum</p> <p>m) Multiplex, GHD, Department of Housing and Works – WA Maritime Museum – A Building of Significance</p> <p>n) Maunsell Sinclair Knight Merz, Western Australian Government Railways Commission, New MetroRail – South West Metro Rail Package A Design and Documentation</p> <p>o) GRDMinproc, GRD Kirfield, Matricon Pty Ltd – Concrete to Gold in Seven Months</p> <p>p) Worley – Victoria Platform Development</p> <p>q) Wood &amp; Grieve Engineers – The Strengthening of Wheat Silo Cells at Albany Port Terminal Western Australia</p> <p>r) Integrated Project Solutions Pty Ltd – Curragh Queensland Mining – Fine Coal Upgrade Project</p> <p>s) Australian Catamaran Challenge – Class C Catamaran</p>
9594A/2	<p>2004 Western Australia</p> <p>a) BHP Billiton, MPD JV, FLUOR, SKM – Area C Mine Development and the Products and Capacity Expansion (PACE) Project</p> <p>b) FLUOR – Fast Track Iron Ore Area C Railroad</p> <p>c) Capital House Australasia – LotteryWest Federation Walkway, Kings Park, Perth WA</p> <p>d) FLUOR – Fast Track Iron Ore Area C Railroad</p> <p>e) Wood &amp; Grieve Engineers, Multiplex, Vector Lifting, Bruechle Gilchrist &amp; Evans,</p>

	<p>Department of Housing and Works – Australian Marine Complex (Jervoise Bay) On Site Fabrication Facility</p> <p>f) John Holland, Burns and Roe Worley, Water Corporation – Subiaco Wastewater Treatment Plant Odour Control and Process Upgrade</p> <p>g) Main Roads Western Australia, John Holland, MacMahon, KBR – Roe Highway Extension Stage 6 – Nicholson Road to South Street</p> <p>h) Air Drill – Airdrill Cooler, Air Cooled High Pressure Heat Exchangers</p> <p>i) TWW Alliance, ABB, Woodside, Transfield Worley Services, I&amp;E Systems – Goodwyn ‘A’ PCS Console Upgrade Project</p> <p>j) Matilda Products Limited – Cable Gate</p> <p>k) Hatch – Hatch Product Transport System for BHP Billiton Iron Ore</p> <p>l) GHD, Taylor Robinson B+N – Harmony Primary School Ecologically Sustainable Design</p> <p>m) City of Perth, Works Infrastructure, Syrinx Environmental PL – Pt Fraser Demonstration Wetland Stage 1</p> <p>n) Water Corporation, KBR – Woodman Point Tanker Reival Facility</p> <p>o) John Holland, Burns and Roe Worley, Water Corporation – Subiaco Wastewater Treatment Plant Odour Control and Process Upgrade</p> <p>p) ESI, Water Corporation – Dalyellup Water Treatment Plant</p> <p>q) Landcorp, Hatch, Henry Walker Eltin – Burrup East-West Service Corridor</p> <p>r) GHD, Department of Transport and Regional Services, Simon Engineering Australia – Cocos (Keeling) Island Sewerage Upgrade Project</p> <p>s) Curtin University of Technology – Curtin Engineering – A Better Learning Environment</p> <p>t) Sterlite Alumina Project, Worley – Sterlite Lanjigarh Alumina Refinery</p> <p>u) Raytheon Australia – Management of Engineering</p> <p>v) City of Perth, GHD, Works Infrastructure – Lake Vasto Irrigation Lake, Rejuvenating Perth’s Swan River Foreshore</p> <p>w) Clough Limited – The Sawan Gas Field Development – Pakistan</p> <p>x) Sterlite Alumina Project, Worley – Sterlite Lanjigarh Alumina Refinery</p> <p>y) GHD – Redesign of Dubai Drydocks UAE</p> <p>z) Air Drill – Airdrill Cooler, Air Cooled High Pressure Heat Exchangers</p> <p>aa) Western Minerals Technology Pty Ltd, Lion Ore – Tati Hydrometallurgical Demonstration Plant</p> <p>bb) Capital House Australasia – LotteryWest Federation Walkway, Kings Park, Perth WA</p> <p>cc) University of Western Australia – UWA Motorsport</p>
9594A/3	<p>2005 Western Australia Resource Development</p> <p>a) Apache Energy, Robert Elks &amp; Associates, Piper Engineering – K12 Maxiskid, Varanus Island – Western Australia</p> <p>b) GRD Minproc Limited – Kansanshi Copper Project</p> <p>c) Seapower Pacific Pty Ltd – The Ceto Project, Harnessing the Oceans Wave Energy to Power the Future</p> <p>d) Woodside, Atteris – Trunkline System Expansion Project (TSEP) Pipeline Stabilisation by Dredging</p> <p>e) Woodside – Pipeline System Modifications Project (PSM)</p> <p>f) Sinclair Knight Merz, BHP Billiton – 3D Laser Scanning of Transfer Station TS1</p> <p>g) Woodside, JP Kenny Pty Ltd – Trunkline System Expansion Project Pipeline Stabilisation, Gravity Anchors &amp; No-Cover Rock Berms</p> <p>h) Woodside – Trunkline System Expansion Project (TSEP)</p> <p>i) Alcoa – Relocation of Huntly Mine Operations – McCoy Project</p> <p>Infrastructure &amp; Building</p> <p>j) Main Roads Western Australia, Public Transport Authority, Thiess Pty Ltd – Geraldton Southern Transport Corridor</p> <p>k) Department of Housing and Works, Landstart New Living, City of Gosnells, Voran Advanced Engineering Solutions – The Langford New Living Redevelopment Project</p>

- l) URS – Geraldton Port Enhancement Project  
 m) The Beenyup Alliance, Water Corporation, Leighton, GHD, Black & Veatch – Beenyup Wastewater Treatment Plant Odour Control & Upgrade Stage 2
- Products & Manufacturing  
 n) Speno Rail Maintenance Australia – “RR24 – M20 Series” Rail Grinding Units  
 o) Essa Australia, Ultra Trace Analytical Laboratories – Robotic XRF Bead Fusion System  
 p) Woodside – Trunkline System Expansion Project Asset Lifecycle Information System Subsea
- Control Systems, Reports & Procedures
- Environment  
 q) Water Corporation, John Holland, Veolia Water Systems – A Big Win for Reuse: Kwinana Water Reclamation Plant  
 r) Water Corporation, WML Consultants, Barclay Mowlem, GHD, Sinclair Knight Merz – “Fresh Life” Restoring Busselton’s Historic Floodgates  
 s) City of Gosnells, Sinclair Knight Merz – Southern River Road Liquid Waste Disposal Site  
 t) URS – Geraldton Port Enhancement Project  
 u) Seapower Pacific Pty Ltd – The Ceto Project, Harnessing the Oceans Wave Energy to Power the Future  
 v) Alcoa World Alumina Australia – Residue Carbonation, Significantly Improving the Sustainability of Residue Storage Practices
- Engineering for Regional Communities  
 w) Main Roads Western Australia, Public Transport Authority, Thiess Pty Ltd – Geraldton Southern Transport Corridor  
 x) Water Corporation, WML Consultants, Barclay Mowlem, GHD, Sinclair Knight Merz – “Fresh Life” Restoring Busselton’s Historic Floodgates  
 y) URS – Geraldton Port Enhancement Project
- Electronics, Telecommunications & Information Technology  
 z) Woodside - Trunkline System Expansion Project Asset Lifecycle Information System Subsea
- Management of Engineering
- Research & Development  
 aa) Western Australian School of Mines, Curtin University of Technology – Facility for Dynamic Testing of Mining Ground Support Systems  
 bb) Robil Engineering – Engineering Protective System  
 cc) Woodside, Atteris - Trunkline System Expansion Project (TSEP) Pipeline Stabilisation by Dredging  
 dd) Woodside, JP Kenny Pty Ltd – Trunkline System Expansion Project Pipeline Stabilisation, Gravity Anchors & No-Cover Rock Berms  
 ee) Alcoa World Alumina Australia - Residue Carbonation, Significantly Improving the Sustainability of Residue Storage Practices
- International Projects & Exports  
 ff) Honeywell Limited, Alcoa – QUASAR, Quality Automation Solutions in Alumina Refining  
 gg) GRD Minproc Limited – Kansanshi Copper Project
- Small Company Projects  
 hh) IRC Environment, Woodside – Minimizing Environmental Impact through Discharge Modelling  
 ii) Robil Engineering – Engineering Protective System

	<p>Award booklets</p> <p>jj) 2005 WA Engineering Excellence Awards booklet</p>
9594A/4	<p>2006 Western Australia</p> <p>Resource Development</p> <p>a) Sinclair Knight Merz, Rio Tinto – Multi-Berth Iron Ore Wharf Dampier Port Upgrade</p> <p>b) SNC-Lavalin Australia, Burrup Fertilisers Pty Ltd – Ammonia Plant, Burrup Peninsula</p> <p>c) Ausenco – The Tulawaka Gold Project Tanzania</p> <p>d) Worley Parsons, Fluor, Conoco Phillips – Bayu-Undan Development Phase 1</p> <p>e) Verve Energy, PowerCorp – Saving fuel and the environment using wind and low load diesel technology</p> <p>Infrastructure &amp; Building</p> <p>f) John Holland, MacMahon, Main Roads Western Australia, KBR, ARUP – Tonkin Highway Extension, Mills Road West to Thomas Road</p> <p>g) Roe 7 Alliance, Main Roads Western Australia, Clough Limited, Maunsell Australia Pty Ltd – Roe Highway Stage 7 Project</p> <p>h) GHD, Harvey Water – Harvey Pipe Project, Saving Water We Already Have, for a Drought Busting, Community Enhancing, Win-Win</p> <p>i) GHD, Leighton, Coffey, Wyche Consulting – SWMR (South West Metropolitan Railway) Package E</p> <p>j) GHD, Downer Engineering, Main Roads Western Australia – Traffic Control Infrastructure Contract 3/98 (TCIC)</p> <p>Products &amp; Manufacturing</p> <p>k) Lazer Safe Pty Ltd – Lazer Safe Establishes New Safety &amp; Productivity Bench Marks</p> <p>l) Dreamfit, University of Western Australia – Engineering Recreation Solutions for People with Disabilities</p> <p>Environment</p> <p>m) GRD, GRD Minproc, Global Renewables – From waste-to-resources : UR-3R</p> <p>n) Roe 7 Alliance, Main Roads Western Australia, Clough Limited, Maunsell Australia Pty Ltd – Roe Highway Stage 7 Project</p> <p>o) Golder Associates, PT Newmont Nusa Tenggara – “Waste Mountain to Jungle”, Reclamation of Batu Hijau waste dumps</p> <p>p) Verve Energy, PowerCorp – Saving fuel and the environment using wind and low load diesel technology</p> <p>Engineering for Regional Communities</p> <p>q) Plantation Pulpwood Terminals, HBH Consultants, Brightwater Engineers Ltd, Naveko Project Implementation – Albany Chip Terminal</p> <p>r) GHD, Harvey Water – Harvey Pipe Project, Saving Water We Already Have, for a Drought Busting, Community Enhancing, Win-Win</p> <p>s) GHD, City of Bunbury, South West Development Commission, Benchmark Projects Australia, Clifton Coney Group, M P Rogers &amp; Associations PL, Georgiou Group – Bunbury Coastal Enhancement Project Stage 2 – Back Beach</p> <p>Electronics, Telecommunications &amp; Information Technology</p> <p>t) Public Transport Authority of Western Australia – Improving Security on Perth’s Rail Network, Urban Security Initiatives Project</p> <p>Management of Engineering</p> <p>u) GHD, Public Transport Authority – Asbestos Register Management</p> <p>v) GHD, Downer Engineering, Main Roads Western Australia – Traffic Control Infrastructure Contract 3/98 (TCIC)</p>

	<p>Research &amp; Development</p> <p>w) Atteris, Woodside, DrillTec – Otway Gas Project, A State of the Art Shore Crossing</p> <p>x) GRD, GRD Minproc, Global Renewables – From waste-to-resources: UR-3E</p> <p>y) Dreamfit, University of Western Australia – Engineering Recreation Solutions for People with Disabilities</p> <p>International Projects &amp; Exports</p> <p>z) Lazer Safe Pty Ltd – Lazer Safe Establishes New Safety &amp; Productivity Bench Marks</p> <p>aa) Golder Associates, PT Newmont Nusa Tenggara – “Waste Mountain to Jungle”, Reclamation of Batu Hijau waste dumps</p> <p>bb) Ausenco – The Tulawaka Gold Project Tanzania</p> <p>Award Booklets</p> <p>cc) 2006 WA Engineering Excellence Awards booklet</p>
9594A/5	<p>2007 Western Australia</p> <p>a) Aker Kvaerner Australia Pty Ltd, Clough Limited, Hismelt Corporation Pty Ltd - Hismelt®, The Future of Iron Making Technology</p> <p>b) GHD, Alcoa – Alcoa Mud Pumping Upgrade</p> <p>c) Maunsell, Aecom – Woodside Train 5 Jetty</p> <p>d) Technip Subsea 7 Asia Pacific – Kikeh DTU &amp; Kikeh Surf (Phase 1)</p> <p>e) MPD JV, Fluor, Sinclair Knight Merz – Rapid Growth Project 2</p> <p>f) Bassett Consulting Engineers – Redevelopment of Perth Town Hall</p> <p>g) Eastern Metropolitan Regional Council, ERTECH – Design &amp; Construction of Class III &amp; Class IV Cells and leachate ponds at the Red Hill Waste Management Facility</p> <p>h) Public Transport Authority, Maunsell, Aecom, Leighton Kumagai Joint Venture – New MetroRail – City Project, Southern Suburbs Railway</p> <p>i) Water Corporation – Perth Seawater Desalination Plant</p> <p>j) Advanced Engine Components Limited – Natural Gas Engine Technology for China</p> <p>k) Sinclair Knight Merz, Midland Brick, Boral – Kiln 11 – The New Plant</p> <p>l) Elecmecc Pty Ltd, Halcyon – Australian Customs Service Ride Control System</p> <p>m) GHD, Water Corporation – Integrating Perth’s Water Supplies</p> <p>n) Eastern Metropolitan Regional Council, ERTECH – Design &amp; Construction of Class III &amp; Class IV Cells and leachate ponds at the Red Hill Waste Management Facility</p> <p>o) GHD, Water Corporation – Permeable Reactive Barriers: Cleaning up our wetlands and waterways</p> <p>p) Thompson McRobert Edgeloe, Harness Racing Victoria, Australian Sportsvision Consultants – Bendigo Harness Racing Facility</p> <p>q) Verve Energy – Narrogin Integrated Wood Processing Demonstration Project</p> <p>r) Water Corporation – Perth Seawater Desalination Project</p> <p>s) Georgiou Group – Leighton Beach Redevelopment Project</p> <p>t) Sinclair Knight Merz, Beacon Foundation – Something Concrete project</p> <p>u) Thiess – Ravensthorpe Seawater Intake</p> <p>v) Thompson McRobert Edgeloe, Harness Racing Victoria, Australian Sportsvision Consultants – Bendigo Harness Racing Facility</p> <p>w) Verve Energy – Narrogin Integrated Wood Processing Demonstration Project</p> <p>x) Balconi Pty Ltd – Balconi Tracker</p> <p>y) I&amp;E Systems Pty Ltd – Dramatic Advances in Design – applying DAD software for design of instrumentation systems for CSBP’s new ammonium nitrate and nitric acid plants</p> <p>z) DORIC Engineering – DORIC Management System</p> <p>aa) Lycopodium Engineering – Ahafo Project Ghana</p> <p>bb) Advanced Engine Components Limited – Natural Gas Engine Technology for China</p> <p>cc) Elecmecc Pty Ltd, Halcyon – Customs Vessels Ride Control System</p> <p>dd) Western Geotechnics – Non-Destructive Tools for Engineering Solutions – Exploitation of Exploration?</p> <p>ee) 2007 WA Engineering Excellence Awards booklet</p>

9594A/6	<p>2008 Western Australia Resource Development</p> <ul style="list-style-type: none"> <li>a) Sinclair Knight Merz – Dampier Port Upgrade</li> <li>b) Marecon Pty Ltd, Georgiou Group Pty Ltd, Goodline Pty Ltd, Worley Parsons – Seawall Revetment at Anderson Point, Port Hedland, WA, Application of in-situ cast ‘FLEXMAT’ concrete block mattresses</li> <li>c) Technip Oceania Pty Ltd, Origin Energy Resources Limited – Kupe Gas Project – Platform Scope</li> <li>d) Technip Oceania Pty Ltd, Origin Energy Resources Limited – Kupe Gas Project – Pipeline Scope</li> <li>e) GRD Minproc Limited, Hatch Associates Pty Ltd – Ravensthorpe Nickel Project</li> </ul> <p>Infrastructure &amp; Building</p> <ul style="list-style-type: none"> <li>f) Aqwest, Bunbury Water Board – City Waterlink Pipeline and Pump Station</li> <li>g) Worley Parsons, LEX Property, Hassell – IKEA Perth Superstore</li> <li>h) GHD Pty Ltd, Main Roads Western Australia, MacMahon, Coffey Geotechnics – Millstream Link Alliance, Karratha Tom Price Road Stage 2</li> <li>i) MacMahon, Main Roads Western Australia, BG&amp;E, Public Transport Authority, Construction Reference Group – Mitchell Freeway Extension (To Burns Beach Road)</li> <li>j) McConnell Dowell Corporation Ltd – Pilbara Iron Ore Infrastructure Project (PIOP) Marine Works at Port Hedland</li> <li>k) Maitland Consulting Structural Engineering, John Woodside Consulting Pty Ltd – Structural Enhancement of St George’s Cathedral, Perth</li> <li>l) Public Transport Authority, Main Roads Western Australia – Southern Suburbs Railway: The Combined Transportation Corridor in the Kwinana Freeway</li> </ul> <p>Products &amp; Manufacturing</p> <ul style="list-style-type: none"> <li>m) Clearguard Pty Ltd – Design, Engineering, Manufacturing and Sales of Tapping Point Clearing Devices</li> </ul> <p>Control Systems, Reports &amp; Procedures</p> <ul style="list-style-type: none"> <li>n) BEC Engineering Pty Ltd – Argyle Diamonds Power Station Control System Installation</li> <li>o) Sinclair Knight Merz, Western Power – Eneabba to Moonyoonooka Transmission Line Corridor Selection Process</li> <li>p) Western Power – Transforming Electricity Distribution Management</li> </ul> <p>Environment</p> <ul style="list-style-type: none"> <li>q) Sinclair Knight Merz, Western Power – Eneabba to Moonyoonooka Transmission Line Corridor Selection Process</li> <li>r) GHD Pty Ltd, Water Corporation, AUV Pty Ltd – Commercial Application of the Slocum Electric Glider: Monitoring the coastal waters of the Southern Seawater Desalination Plant</li> <li>s) Public Transport Authority, Main Roads Western Australia – Southern Suburbs Railway: The Combined Transportation Corridor in the Kwinana Freeway</li> </ul> <p>Engineering for Regional Communities</p> <ul style="list-style-type: none"> <li>t) GHD Pty Ltd, Main Roads Western Australia, MacMahon, Coffey Geotechnics – Millstream Link Alliance, Karratha Tom Price Road Stage 2</li> </ul> <p>Electronics, Telecommunications &amp; Information Technology</p> <ul style="list-style-type: none"> <li>u) Gibson Quai-AAS Pty Ltd, Dampier Bunbury Pipeline – Dampier to Bunbury Natural Gas Pipeline Digital Communications Upgrade</li> </ul> <p>Management of Engineering</p> <ul style="list-style-type: none"> <li>v) Worley Parsons, BP Refinery (Kwinana) Pty Ltd – BP Refinery Capital Projects Program</li> <li>w) MacMahon, Main Roads Western Australia, BG&amp;E, Public Transport Authority,</li> </ul>
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	<p>Construction Reference Group – Mitchell Freeway Extension (To Burns Beach Road)</p> <p>x) Water Corporation, Leicon Nolley, GHD – Automation and Centralisation Project</p> <p>y) Sinclair Knight Merz – Safety Learning Centre</p> <p>Research &amp; Development</p> <p>z) GHD, Water Corporation – Securing the Wellington Dam Spillway</p> <p>Small Company Projects</p> <p>aa) Delmec Australia Pty Ltd – Belt Splicing: no longer “A Black Art”</p> <p>bb) Bocol Constructions Pty Ltd – Exmouth Marina Suspension Footbridge</p> <p>cc) Control &amp; Thermal Engineering Pty Ltd (CTE) – Oscar Process Plant Design and Construction</p> <p>dd) Maitland Consulting Structural Engineering, John Woodside Consulting Pty Ltd – Structural Enhancement of St George’s Cathedral, Perth</p> <p>Award booklet</p> <p>ee) 2008 WA Engineering Excellence Awards booklet</p>
9595A/1	<p>2009 Western Australia:-</p> <p>Resource Development:</p> <p>a) Woodside, J P Kenny, KBR, Transfield Worley and WorleyParsons – Angel Project;</p> <p>b) WorleyParsons and Fortescue Metals Group - FMG T45 Project;</p> <p>c) Wesfarmers LPG, Wesfarmers Kleenheat Gas and Energy Generation (enGen) – LNG Leading the Way;</p> <p>Infrastructure and Building:</p> <p>d) AECOM Australia Pty Ltd – Durack II, 2 Victoria Avenue;</p> <p>e) Landcorp and Department of Commerce – Australian Marine Complex, Floating Dock;</p> <p>f) Infra Tech Pty Ltd and Water to Water Alliance – Beenyup Sewerage Digesters 6 and 7 Ground Improvement;</p> <p>g) Southern Gateway Alliance, Leighton Contractors, GHD Pty Ltd, WA Limestone and Main Roads WA – New Perth Bunbury Highway;</p> <p>h) Water Corporation, Brookfield Multiplex, Macmahon Contractors and Zublin – Quinns Main Sewer Project;</p> <p>i) Georgiou Group Pty Ltd and BG&amp;E Pty Ltd – Roe Street Bus Bridge;</p> <p>j) Sunset Coast Water, Water Corporation, John Holland, Kellogg Brown &amp; Root (KBR) and WorleyParsons Projects – South Metropolitan Wastewater Treatment Plant Upgrade Program;</p> <p>k) Water Corporation and Water to Water Alliance – Woodman Point Odour Capture Facility;</p> <p>Products and Manufacturing:</p> <p>l) RCR Engineering Pty Ltd – Track-Mounted Mobile Mining Unit Plant;</p> <p>Control Systems, Reports and Procedures:</p> <p>m) I&amp;E Systems Pty Ltd, BHP Billiton Worsley Alumina Pty Ltd and Honeywell – Advanced Process Management;</p> <p>Environment:</p> <p>n) AECOM Australia Pty Ltd – Durack II, 2 Victoria Avenue;</p> <p>o) Water Corporation and Water to Water Alliance – Woodman Point Odour Capture Facility;</p> <p>Engineering for Regional Communities:</p> <p>p) Leighton Contractors and Ngarda Civil &amp; Mining – Gap Ridge Accommodation Village;</p>

	<p>q) Shire of Roebourne, Forte Airport Management, Downer EDI Works and Trick Electricks – Karratha Airport Airside Upgrade;</p> <p>Electronics, Telecommunications and Information Technology:</p> <p>r) Western Power and Clarity international Ltd – Unifying Western Power’s Telecommunication Network;</p> <p>Management of Engineering:</p> <p>s) I&amp;E Systems Pty Ltd, BHP Billiton Worsley Alumina Pty Ltd and Honeywell – Advanced Process Management;</p> <p>t) Engenium Pty Ltd – Atlas Iron’s Ridley Magnetite Study;</p> <p>u) WorleyParsons and Fortescue Metals Group - FMG T45 Project;</p> <p>v) Team Savannah, BGC Contracting Pty Limited, Laing O’Rourke Australia, AECOM Australia Pty Ltd and Main Roads WA – Great Northern Highway, ECI Kimberley Project;</p> <p>w) Wesfarmers LPG, Wesfarmers Kleenheat Gas and Energy Generation (enGen) – LNG Leading the Way;</p> <p>x) Southern Gateway Alliance, Leighton Contractors, GHD Pty Ltd, WA Limestone and Main Roads WA – New Perth Bunbury Highway;</p> <p>y) Water Corporation – Water Corporation’s Environmental Management System: Seeking Zero Environmental Footprint;</p> <p>Research and Development:</p> <p>z) Water Corporation and McRobert Contracting Services Pty Ltd – Refurbishment of Sewer Access Chambers at Coral Bay;</p> <p>Small Company Projects:</p> <p>aa) Infra Tech Pty Ltd and Water to Water Alliance – Beenyup Sewerage Digesters 6 and 7 Ground Improvement;</p> <p>bb) Glenvar Bale Direct Pty Ltd – Glenvar Bale Direct System;</p> <p>cc) Microcom Pty Ltd T/A MetroCount – MetroCount 5712 Timing Analysis Roadside Unit for Signalised Intersections and Railway Crossings;</p> <p>dd) McRobert Contracting Services Pty Ltd and Water Corporation – Refurbishment of Sewer Access Chambers at Coral Bay.</p> <p>Awards Booklet</p> <p>ee) 2009 WA Engineering Excellence Awards booklet</p>
9595A/2	<p>2010 Western Australia:-</p> <p>Resource Development:</p> <p>a) Sinclair Knight Mertz and Rio Tinto Iron Ore – Cape Lambert Upgrade;</p> <p>b) Aker Solutions Australia Pty Ltd, Clough Limited and Newmont Mining Corporation – Boddington Gold Mine Expansion Project;</p> <p>Infrastructure and Building:</p> <p>c) AECOM, Brierty Limited and Main Roads WA (Access Alliance) – Great Northern Highway (Muecha to Wubin);</p> <p>d) Thiess Georgiou Joint Venture, Fremantle Ports and AECOM – Berth 10 Reconstruction;</p> <p>e) Aurecon Australia Pty Ltd – Bishops See, Stage 1;</p> <p>f) Pritchard Francis Pty Ltd – Condor Tower;</p> <p>g) Western Power, ABB Australia and Norman Disney &amp; Young – Maximising the Capacity of Western Power’s Transmission Network;</p> <p>h) Macmahon Contractors Pty Ltd, BG&amp;E Pty Ltd, Golder Associates Pty Ltd and Main Roads WA – Reid Highway West Swan Road to Great Northern Highway;</p> <p>Products and Manufacturing:</p>

	<p>i) Alcoa of Australia Limited – Alcoa Pinjarra Refinery Blow Off Tank Replacement;</p> <p>j) WorleyParsons and BP Refinery (Kwinana) Pty Ltd – Fluidised Catalytic Cracking, BP Cracks Oil with New Technology;</p> <p>k) RCR Mining – Mobile Mining Unit Plant (MUP);</p> <p>Environment:</p> <p>l) Alcoa World Alumina – Biological Destruction of Organics, A Natural Biological Removal System for Oxalate;</p> <p>m) AECOM, Brierty Limited and Main Roads WA (Access Alliance) – Great Northern Highway (Muecha to Wubin);</p> <p>n) Arup, INPEX and J &amp; S Drilling – Blaydin Point Phase 2, Onshore Geotechnical Investigation;</p> <p>o) Parsons Brinckerhoff Australia Pty Ltd – Drinking Water Source Protection for Indigenous Communities in Western Australia;</p> <p>p) Southern Gateway Alliance – New Perth Bunbury Highway;</p> <p>q) WorleyParsons – The Advanced Solar Thermal Initiative;</p> <p>Engineering for Regional Communities:</p> <p>r) Team Savannah, AECOM, BGC Contracting Pty Limited, Main Roads WA and Laing O’Rourke Australia – The Kimberley ECI Great Northern Highway Project;</p> <p>s) Horizon Power – Decentralised Asset Management Engineering the Backbone of Regional Growth;</p> <p>t) Water Corporation – The Narngulu Wastewater Treatment Plant;</p> <p>Management of Engineering:</p> <p>u) Thiess Georgiou Joint Venture, Fremantle Ports and AECOM – Berth 10 Reconstruction;</p> <p>Innovation and Development:</p> <p>v) Alcoa World Alumina – Biological Destruction of Organics, A Natural Biological Removal System for Oxalate;</p> <p>w) Pritchard Francis Pty Ltd – Condor Tower;</p> <p>x) Plexal Group Pty Ltd – Goodwyn ‘A’, Safeguarding Systems Upgrade;</p> <p>y) Team Savannah, AECOM, BGC Contracting Pty Limited, Main Roads WA and Laing O’Rourke Australia – The Kimberley ECI Great Northern Highway Project;</p> <p>z) Microcom Pty Ltd T/A MetroCount and Main Roads WA – MetroCount 5712 Timing Analysis Roadside Unit for Signalised Intersections and Railway Crossings;</p> <p>aa) Peak Well Services Pty Ltd – Oil &amp; Gas Well Production Tubing Flow Control Devices, the SIM Family of Tools;</p> <p>bb) Macmahon Contractors Pty Ltd, BG&amp;E Pty Ltd, Golder Associates Pty Ltd and Main Roads WA – Reid Highway West Swan Road to Great Northern Highway;</p> <p>cc) WorleyParsons – The Advanced Solar Thermal Initiative;</p> <p>International Projects and Exports:</p> <p>dd) Lycopodium Minerals Pty Ltd – Buzwagi Project;</p> <p>Small Company Projects:</p> <p>ee) Advantearing Civil Engineers and Capital House Australasia – Design and Construction of Karrakatta Underpass;</p> <p>ff) Microcom Pty Ltd T/A MetroCount and Main Roads WA – MetroCount 5712 Timing Analysis Roadside Unit for Signalised Intersections and Railway Crossings.</p> <p>Awards Booklet</p> <p>gg) 2010 WA Engineering Excellence Awards booklet</p>
9595A/3	2011 Western Australia:-

Resource Development:

- a) AECOM and McConnell Dowell – BHP Rapid Growth Projects 5/6, Harriet and Nelson Point Jetties;
- b) AECOM – Pluto LNG Jetty;
- c) Sinclair Knight Merz and Fluor – Pilbara Mine and Port Expansion Project, Whole of Project Overview;
- d) Port Hedland Port Authority and Pinc Group – Utah Point, Multi User Bulk Export Facility;

Infrastructure and Building:

- e) Aurecom – Albany Entertainment Centre;
- f) City of Greater Geraldton – Maley’s (Convict) Bridge;
- g) BPA Engineering Pty Ltd - Enex 100 Office and Retail Tower Development, 100 St Georges Terrace, Perth;
- h) Fremantle Ports, Thiess Georgiou Joint Venture and Boskalis Australia Pty Ltd – Fremantle Ports Inner Harbour Deepening, Rouse Head Seawall Construction and Berth Works;
- i) Water Corporation, Southern Seawater Alliance, Georgiou and GHD – Southern Seawater Desalination Integration Project;
- j) Southern gateway Alliance, Leighton Contractors, GHD, WA Limestone and Main Roads WA – Mandurah Entrance Road;
- k) Sinclair Knight Merz, Broad Construction and Cox Howlett & Bailey Woodland – Rapid Prison Accommodation Upgrade Project;
- l) Aurecom – State Theatre Centre;
- m) Airey Taylor Consulting – State Theatre Centre of Western Australia, Redefining Structural Innovation;
- n) DORIC Contractors Pty Ltd – Tamworth Hill Pump Station;
- o) DORIC Contractors Pty Ltd – Tug Pen Pontoons;
- p) Wood & Grieve Engineers and Peter Hunt Architects & Daryl Jackson Architects – WA Basketball Centre;

Products and Manufacturing:

- q) Rio Tinto, Monadelphous Engineering Associate and Sinclair Knight Merz - Cape Lambert Sinter Fines Building Beam Installation;
- r) Sinclair Knight Merz and Fluor - Pilbara Mine and Port Expansion Project - Modular Sample Station;

Control Systems, Reports and Procedures:

- s) AECOM and Oakajee Port and Rail – Oakajee BFS Supply Chain Simulation;

Environment:

- t) Wood & Grieve Engineers and Chindarsi Architects Pty Ltd - Eco Toilet Facility, Perth Zoo;
- u) Department of Transport and Sinclair Knight Merz - Living Smart Household Project;
- v) Chevron Australia Pty Ltd – Quarantine Management System;
- w) Port Hedland Port Authority and Pinc Group – Utah Point, Multi User Bulk Export Facility;

Engineering for Regional Communities:

- x) GHD, Paddington Gold Mine and Goldfields Creative Concreting – Binduli Railway Underpass;
- y) Transfield Services – Esperance Network Rural Upgrade Project;
- z) Lowes Churchill and Associates Pty Ltd – Nannup Bore and Transfer Main;
- aa) Parsons Brinckerhoff and Department of Housing WA – WA Remote Area Essential Services Program (RAESP);

Management of Engineering:

- bb) DORIC Contractors Pty Ltd – DORIC management System;
- cc) Horizon Power – Integrated Asset Management System, a formidable framework for

	<p>empowering districts;</p> <p>dd) Water Corporation, Southern Seawater Alliance, Georgiou and GHD – Southern Seawater Desalination Integration Project;</p> <p>ee) Chevron Australia Pty Ltd – Quarantine Management System;</p> <p>ff) Sinclair Knight Merz and Fluor – Pilbara Mine and Port Expansion Project, Whole of Project Overview;</p> <p>Innovation and Development:</p> <p>gg) Rio Tinto, Monadelphous Engineering Associate and Sinclair Knight Merz - Cape Lambert Sinter Fines Building Beam Installation;</p> <p>hh) Brightwater Engineering Solutions Pty Ltd and Plantation Energy Australia Pty Ltd – Concentrated Biomass Energy, Densified Wood Pellet Project;</p> <p>ii) Underground Services – EcoPlough;</p> <p>jj) GHD, Parry &amp; Rosenthal Architects and Western Projects Pty Ltd - Irene McCormack Catholic College, Tensile Structure;</p> <p>kk) Department of Transport and Sinclair Knight Merz - Living Smart Household Project;</p> <p>ll) AECOM – Pluto LNG Jetty;</p> <p>mm) GHD, Marcus Collins Architects and Loxam Developments - Presbyterian Ladies College, Indoor Sports Centre and Assembly Hall;</p> <p>nn) Sinclair Knight Merz and Fluor - Pilbara Mine and Port Expansion Project - Modular Sample Station;</p> <p>oo) Western Power – Smart Grid Foundation Program, a smarter future for Western Australia;</p> <p>pp) WorleyParsons and Strategic marine – Pluto tug harbour expansion;</p> <p>qq) Water Corporation and Wellington Dam Alliance – Wellington Dam Remedial Works;</p> <p>Small Company Projects:</p> <p>rr) Advantesting Civil Engineers and City of Swan - Design, Supply and Construction of a Bridge and Two Boardwalks at Swan Regional Riverside Park;</p> <p>ss) Sentient Computing Pty Ltd and Torq Software - MVX 3D Visualisation;</p> <p>tt) Australian Project Management and Nalco Australia Pty Ltd - Nalco Ring Road Project;</p> <p>uu) Lowes Churchill and Associates Pty Ltd – Nannup Bore and Transfer Main;</p> <p>vv) Airey Taylor Consulting – State Theatre Centre of Western Australia, Redefining Structural Innovation.</p> <p>Award Booklet</p> <p>ww) 2011 WA Engineering Excellence Awards booklet</p>
9595A/4	<p>2012 Western Australia:-</p> <p>Resource Development:</p> <p>a) Chevron Australia – Gorgon Project Shore Crossing;</p> <p>b) Woodside Energy Limited – Pluto LNG project;</p> <p>c) WorleyParsons, Goodline and Fortescue Metals Group – T155 Port Expansion;</p> <p>Infrastructure and Building:</p> <p>d) GHD Pty Ltd and Brookfield Multiplex – Alkimos Wastewater Treatment Plant Stage 1;</p> <p>e) Main Roads WA, Macmahon Contractors Pty Ltd and BG&amp;E Pty Ltd - Great Eastern Highway, Roe Highway Interchange;</p> <p>f) Underground Services and Western Power – State Underground Power Programme;</p> <p>g) GHD Pty Ltd – Verve Energy Muja Administration Building;</p> <p>h) Maritime Constructions and Aztec Analysis - Wyndham Community Jetty and Multi User Berthing Facility;</p> <p>Control Systems, Reports and Procedures:</p> <p>i) Gateway Vision, Main Roads WA, GHD Pty Ltd and BG&amp;E Pty Ltd – Gateway WA;</p>

	<p>j) GHD Pty Ltd and Water Services Association of Australia - National Greenhouse and Energy Reporting System: Guidelines for the Water Industry;</p> <p>Environment:</p> <p>k) Highway Construction Pty Ltd, Downer EDI Works, Albem Operations Pty Ltd, Main Roads WA and GHD Pty Ltd – Dampier Highway Duplication;</p> <p>l) Sinclair Knight Merz and Department of Water - Decision Support Tool For Self Supply Irrigation Areas;</p> <p>m) Chevron Australia - Gorgon Project Shore Crossing;</p> <p>n) GHD Pty Ltd and Department of Water - Murray drainage and water management plan;</p> <p>o) AECOM – The Grove, Library, Shire Office and Community Centre;</p> <p>Engineering for Regional Communities:</p> <p>p) Western Australian Local Government Association, OPUS International Consultants and ARRB Group Ltd – Roman II;</p> <p>q) GHD Pty Ltd - Rumah Baru New Freight &amp; Passenger Facility: West Island, Cocos (Keeling) Islands;</p> <p>r) Maritime Constructions and Aztec Analysis - Wyndham Community Jetty and Multi User Berthing Facility;</p> <p>Electronics, Telecommunications and Information Technology:</p> <p>s) Western Australian Local Government Association, OPUS International Consultants and ARRB Group Ltd – Roman II;</p> <p>Management of Engineering:</p> <p>t) Gateway Vision, Main Roads WA, GHD Pty Ltd and BG&amp;E Pty Ltd – Gateway WA;</p> <p>u) Main Roads WA, Macmahon Contractors Pty Ltd and BG&amp;E Pty Ltd - Great Eastern Highway, Roe Highway Interchange;</p> <p>Innovation and Development:</p> <p>v) Highway Construction Pty Ltd, Downer EDI Works, Albem Operations Pty Ltd, Main Roads WA and GHD Pty Ltd – Dampier Highway Duplication;</p> <p>w) Main Roads WA - Integrated Services Arrangements ;</p> <p>x) Velocious Pty Ltd - Nosecone Extraction Tooling Project;</p> <p>y) The University of Western Australia, Australian Research Council, Woodside, Chevron Australia, JP Kenny Pty Ltd and Atteris Pty Ltd - UWA's O-tube Program.</p> <p>Awards booklet</p> <p>z) 2012 WA Engineering Excellence Awards booklet</p>
9595A/5	<p>2013 Western Australia:-</p> <p>Resource Development:</p> <p>a) Aurecon - East Intercourse Island Train Positioner;</p> <p>Infrastructure and Building:</p> <p>b) Aurecon and CSIRO - Australian Square Kilometre Array Pathfinder Project;</p> <p>c) Aurecon and Brookfield Multiplex – Brookfield Place;</p> <p>d) BG&amp;E Pty Ltd – Fiona Stanley Hospital;</p> <p>e) WorleyParsons and EM&amp;C Limited (ECM) – Tiger Substation Project;</p> <p>f) City East Alliance, GHD Pty Ltd, Main Roads WA, Leighton Contractors and NRW - Great Eastern Highway Upgrade, Kooyong Road to Tonkin Highway;</p> <p>g) GHD Pty Ltd – ISIS Perth Office Fitout;</p> <p>h) Aurizon, Norman Disney &amp; Young, T &amp; Z Architects and BPA Engineering – Narngulu Rail Maintenance facility;</p> <p>i) Aurecon – Perth Arena;</p>



	<p>j) Brookfield Multiplex, Wood and Grieve Engineers and BG&amp;E - Queen Elizabeth II Medical Centre, Central Energy Plant;</p> <p>k) Underground Services and Western Power – State Underground Power Program;</p> <p>Environment:</p> <p>l) Aurizon, Norman Disney &amp; Young, T &amp; Z Architects and BPA Engineering – Narngulu Rail Maintenance facility;</p> <p>m) Chevron Australia - The Gorgon Project Dredging and Materials Offloading Facility Construction;</p> <p>Engineering for Regional Communities:</p> <p>n) GHD Pty Ltd and Department of Regional Development – Bunbury Albany Gas Pipeline;</p> <p>o) GHD Pty Ltd and Water Corporation – Bungaroo Integration Works;</p> <p>p) GHD Pty Ltd and Fulton Hogan - Cocos (Keeling) Islands Aircraft Pavement Refurbishment;</p> <p>q) Main Roads WA – Eelup Roundabout Upgrade;</p> <p>Control Systems, Networks, Information Processing and Telecommunications:</p> <p>r) Western Power - The Digital Generation of Electrical Substations - STEP 1 Project;</p> <p>s) Hatch - Grande Côte Dredge Manoeuvring Control System;</p> <p>Management of Engineering:</p> <p>t) Water Corporation – Groundwater Replenishment Trial;</p> <p>u) Arup Australia Pty Ltd – ORAT Terminal 2, Perth Airport;</p> <p>v) GHD Pty Ltd - Perth Rectangular Stadium Redevelopment, Business Case and Project Definition Plan;</p> <p>w) Hatch - QSLIC Dehydration Facility Project;</p> <p>Innovation and Development:</p> <p>x) Arup - Assessment of Jack-Up Barge Punch Through Potential;</p> <p>y) Aurecon and CSIRO - Australian Square Kilometre Array Pathfinder Project;</p> <p>z) GHD Pty Ltd and Water Corporation – Bungaroo Integration Works;</p> <p>aa) AECOM - Cannington Leisureplex: Closing The Energy Loop;</p> <p>bb) Sinclair Knight Merz - A Towering Safety Achievement: Cape Lambert Transmission Line;</p> <p>cc) Robert Elks &amp; Associates, SapuraClough Offshore and Phillips Engineering – Rock Bolting Rig;</p> <p>Small Company Projects:</p> <p>dd) Advantearing Civil Engineers and Bridgem Pty Ltd – Creation of Additional Berths at Henderson;</p> <p>ee) ITT Blakers – Gorgon Chemical Injection Packages.</p> <p>Award Booklet</p> <p>ff) 2013 WA Engineering Excellence Awards booklet</p>
9595A/6	2014 Western Australia – CD with digital copy of entries. See 9595AD/6 for full listing
9595AD/6	<p>2014 Western Australia:-</p> <p>Resource Development:</p> <p>a) Jacobs and Rio Tinto Iron Ore Projects – Cape Lambert Port B Project;</p> <p>b) Chevron Australia - The Gorgon Project, Upstream Facilities Scope;</p> <p>c) Woodside Energy Ltd, WorleyParsons and KBR - North Rankin Redevelopment Project, Setting new benchmarks for integrating offshore greenfield and brownfield production facilities;</p> <p>d) Fortescue Metals Group – T155 Expansion Project;</p>

	<p><b>Infrastructure and Building:</b></p> <ul style="list-style-type: none"> <li>e) Arup - Harry Perkins Institute of Medical Research (North);</li> <li>f) John Holland, Public Transport Authority WA and GHD Pty Ltd – Perth City Link Rail Alliance 2011-2013;</li> <li>g) Brookfield Multiplex and BG&amp;E – Fiona Stanley Hospital;</li> <li>h) Calibre Global - Rio Tinto Cape Lambert Trip Service Facility;</li> <li>i) GHD Pty Ltd and Acciona Trility Joint Venture – Mundaring Water Treatment Project;</li> <li>j) Georgiou Group – Elizabeth Quay, external roadworks, services and ancillary works;</li> </ul> <p><b>Environment:</b></p> <ul style="list-style-type: none"> <li>k) Main Roads WA and Department of Parks and Wildlife – Fitzgerald River National Park, Improvement Project;</li> <li>l) Advantearing Civil Engineers and GHD Pty Ltd – Hyde Park Lakes Restoration Project;</li> </ul> <p><b>Engineering for Regional Communities:</b></p> <ul style="list-style-type: none"> <li>m) GHD Pty Ltd and Acciona Trility Joint Venture – Mundaring Water Treatment Project;</li> <li>n) GHD Pty Ltd and Canstruct Pty Ltd - New Housing Program on Christmas Island, Drumsite Village;</li> </ul> <p><b>Control Systems, Networks, Information Processing and Telecommunications:</b></p> <ul style="list-style-type: none"> <li>o) Water Corporation – Process Control Web Replacement Project;</li> <li>p) WorleyParsons, KBR and Woodside – North Rankin Redevelopment Project, setting new benchmarks for integrating offshore greenfield and brownfield instrumentation and controls on production facilities;</li> </ul> <p><b>Innovation and Development:</b></p> <ul style="list-style-type: none"> <li>q) Georgiou Group – Three Bridges, Civil, Structural and Deconstruction Project, Port Hedland WA;</li> <li>r) WorleyParsons Services Ltd – Oil Spill Tracking Buoy;</li> <li>s) Chevron Australia – The Gorgon Project, Jansz-Lo Subsea Pipeline Scarp Crossing;</li> <li>t) Woodside Energy Ltd, WorleyParsons and KBR - North Rankin Redevelopment Project, setting new limits in the transportation and installation of jackets and topsides by innovation and development;</li> <li>u) GHD Pty Ltd, Rob Carr Pty Ltd and Water Corporation - Dawesville Areas 4A and 5A Infill Sewerage Project;</li> </ul> <p><b>Small Company Projects:</b></p> <ul style="list-style-type: none"> <li>v) Bocol Constructions and Main Roads WA - Brookton Highway, Bridge and Road Improvement Works;</li> <li>w) Advantearing Civil Engineers and GHD Pty Ltd – Hyde Park Lakes Restoration Project.</li> </ul> <p><b>Award Booklet (physical)</b></p> <ul style="list-style-type: none"> <li>x) 2014 WA Engineering Excellence Awards booklet</li> </ul>
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Holdings = 6.64 m.

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