

Christiani & Nielsen : Project records in last 10 years

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Outside Interconnecting Pipelines Project	Engineering, supply, construction and pre-commissioning of outside interconnecting pipelines project. Scope of works include: Installation of approx. 204 km. of steel pipelines, R.C. rack foundations approx. 6 km., box culverts with total length of 500 m., a	The Aromatics (Thailand) PCL.	Foster Wheeler/Christiani & Nielsen	Thailand	1,283.77	32.00	20/10/2005	30/10/2007
Baan Uar-Urthorn Condominium (Samut Sakorn Province)	Design & Construction of 40 nos. of 4-storey low cost condominium blocks with total area of 78,000sqm. Including all M&E and also external works.	Rajathani Realty Co.,Ltd.	National Housing Authority	Thailand	560.64	14.00	20/3/2006	19/9/2007
333 Anniversary Stadium at Korat	Construction of 5,000 seats & 2,000 seats In-door Stadiums, Sportsmen residences (200 beds), Sport Official house, Municipal Garden, Roads & Drainages, Land Development (Structure & Landscape), Main Entrance Gate, and main M&E System.	Sport Authority of Thailand/Italian-Thai PCL	Plan Associates Co.,Ltd.	Thailand	870.32	21.75	28/5/2005	15/6/2007
Thai Olefins New Head Office	Construction of new head office and training center building at Mapta Phut Industrial Estate, Rayong with approx. area of 21,000 m2. Works consist of pre-stressed concrete piles, rc structural frame with post tensioned slab and steel roof truss with metal	Thai Olefins PCL	Theme Architectural and Planning	Thailand	416.00	11.00	15/1/2006	14/5/2007
Baan Uar-Arthorn Condominium (Sri Racha,Cholburi)	Construction of 26 nos. of 3 storey low cost condominium blocks. Total floor area of 49, 400 sqm. Works include piling, structural, and sanitary system.	EKS Property Co., Ltd.	National Housing Authority	Thailand	185.90	4.64	26/1/2006	25/2/2007
MCOT Complex Phase 1	Renovation and construction of MCOT's head office at RAMA IX Rd. Scope of works include renovation of Communication Transmission Bldg. (4,388 sqm.), Renovation of Office Bldg. (7,509 sqm.), Construction of Multi Purpose Bldg. (21,560 sqm.), Construction o	MCOT Public Company Limited	CM 49 co.Ltd.	Thailand	553.00	13.80	15/1/2006	29/1/2007
R.C. Over-pass at Laslle intersection, Bangkok	Construction of RC overpass bridge 2 nos. of 531m long x 8.6m. Wide, with (2 nos) 550m. long bridge-approaches. Works include diversion of (MWWA) 300m. of main water supply pipes dia 800mm./dia 1,100mm. Also include standard road lighting poles, traffi	Department of Highway (Bridge Construction Section)	D.O.H	Thailand	183.35	4.58	30/9/2005	24/12/2006
RIL Pipelines	Engineering, Supply, Construction and Pre-commissioning of outside interconnecting pipelines. Forms part of project for Aromatics (Thailand) PCL pipelines	RIL 1996 Co.Ltd.	Foster Wheeler International Co.,Ltd.	Thailand	90.90	2.27	10/1/2006	31/8/2006
Bangtao Beach Gardens Resort at Bangtao beach, Phuket	Construction of 5-stars hotel in Phuket. Works include 10 nos. of 3-storey blocks containing 60 rooms in each block, Box culvert klong diversion, Swimming pool, Sala & Pump room, and all facilities in the compound.	J.L. Kathu Palms Ltd.	Boulter Stewart Ltd./Original Vision Co.,Ltd/ DCS Associates Co.Ltd.	Thailand	189.05	4.76	13/7/2005	3/8/2006
Laguna Holiday Club at Phuket	New 5-stars resort & hotel naithorn beach, phuket. Works include 5-blocks of 3-storey building (79 guest rooms), swimming pool, reception, staff canteen, and engineering & service buildings	Laguna Holiday Club Limited	Page Kirkland (Thailand) Co.,Ltd.	Thailand	136.43	3.41	1/3/2005	31/5/2006
Highway Route 303 (Phrapadang - Bangprakot) Samut Prakarn	Fully sub-contracting work for widening & rehabilitation of existing highway 6.642 km. in length; Scopes include Telephone system re-routing with new ductbanks & manholes, Re-routing water supply PVC pipe dia.300 mm. & steel pipe dia. 800 mm. & dia 1,000	Department of Highway	D.O.H	Thailand	550.64	13.76	16/5/2005	11/5/2006
Gas Pipeline (12" dia.) along Suksawat Rd. Bangkok	Installation and testing of 12" dia. Gas pipelines 9 km. along Suksawat Road. Work includes; block valves and horizontal directional drilling (HDD) and/or pipe jacking.	PTT Public Company Limited	Employer	Thailand	142.61	3.57	4/4/2005	1/5/2006
Boat House Resort (Infrastructure Phase) at Hua-Hin, Prachuap khiri khun	Construction of Infrastructure and Pool on 74 Rais of land. Works include site preparation & terracing, roads & parking areas, drainage system, water supply system, fences & retaining walls, sewage clection system, and electrical & comunication system, e	Boathouse Hua-Hin Co.Ltd.	Engineering Plus Co.,Ltd.	Thailand	203.30	5.08	24/9/2005	15/4/2006

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R.C. SILO (stage 2) for CP at Paktongchai, Korat	Construction of additional 4 nos. of concrete silos dia. 23 m. 47 m. high (50,000 Tons) and 2 nos. of meal silo with internal roads approx. of 5,000 sqm.	Chareon Pokphan Foods PCL	Owner	Thailand	139.90	3.50	5/4/2005	10/4/2006
Training Center for King Power	Construction of 2 storey building with floor area of 6,100 sqm. and parking area of 2,000 sqm.	King Power International Ltd.	Decco Engineering & Consultants Co.,Ltd.	Thailand	81.79	2.01	24/8/2005	5/4/2006
WORKPOINT Studio at Bangpooon, Pathumtani	Construction of Office & Production Studio with approx. area of 28,600 sqm., R.C structure with steel structure curved-roof.	Workpoint Entertainment PCL	DECCO Engineering & Consultant Co.,Ltd.	Thailand	218.28	5.46	12/1/2005	2/2/2006
SB Furniture new warehouse	Construction of 9,100 sqm.of Single storey warehouse /1,200 sqm. of utility bldg. / 240 sqm. of Garbage Heated Chamber bldg./ 5,500 sqm.of R.C. road 15 cm. thick and also steel utility racks 150m.	SB Furniture Industry Co.,Ltd.	EEC Industrial Engineering co.,Ltd	Thailand	108.52	2.71	1/6/2005	31/1/2006
Thai Beverage Head Office (Substructure Modification) Suriwong Rd. Bangkok	Works include; construction of new floor slab B5/B3/B1 (2,367 sqm. each), Modification of B7/B6/B4/B2, Construct R.C. water tanks & other service tanks, Concrete encasement of steel columns, Lift enclosures & staircases, Remedial works to existing structu	Thai Beverage PCL.	TCC Property Development co.,Ltd/ Warns Associates co.,Ltd/Rider Hunt Levett & Bailey (Siam) Ltd.	Thailand	58.50	1.46	1/8/2005	18/12/2005
Santi Pura 5 stars- Condominium at Hua-hun	Construction of low-rise 5-star condominium. Scope include piling, structural, and architectural works. Exclusive of M & E works.	SG. Development (thailand) Co., Ltd	P. Interior & Associates (Thailand) Co., Ltd.	Thailand	193.29	4.83	1/3/2004	30/11/2005
CP 7-11 Distribution Center (DC-5) at Ladkrabang, Bangkok	Construction of new Distribution Center (DC-5) with area of 20,400 sqm. & 3-storey office area (9,250 sqm.) 600 sqm.of canteen bldg. Main bldg is covered with metal roof sheet with R.C. floor slab and patially post-tensioned slab in office area. Scopes i	C.P. Seven Eleven PCL	Chuchwal-De Weger International Ltd.	Thailand	357.38	8.93	18/4/2005	15/11/2005
Meat Processing Plant at Chacheongsoa Province	Construction of R.C. frame with steel roof structure prok processing plant with internal 2-storey office space.	Chareon Pokphand Foods PCL.	Owner	Thailand	70.00	1.75	20/4/2005	19/10/2005
Performing Arts Center for NIST, Sukhumvit Rd. Soi 15	To construct 4-storey R.C.building with steel roof structure covered with metal sheets (approx. 6,000 m2), Scope includes: Structural and Architectural works. Piling/M&E not included.	The foundation for international Education	Project Asia Ltd.	Thailand	88.74	2.22	13/10/2004	12/10/2005
Taniya Building Renovation	Renovation works of 11-storey building; Remove existing bridge and decorative wall of Flr.1st-3rd, replace with Q-con block and aluminium/glazed wall for shop fronts; partially remove external concrete façade and replace with metal frame & cladding. Wo	Taniya Real Estate Co.,Ltd.	S'Tem Co.Id/Design Peak Co.,Ltd.	Thailand	80.50	2.00	11/10/2004	11/10/2005
Tesco Lotus at Chaipayoom	Refurbishment work of existing approx. area of 7,000 sqm. Hypermarket. And construct new 2-storey parking bldg. approx. area of 10,000 sqm.	Ek-chai Distribution System Co.,Ltd.	Integral Engineering Consultant Co., Ltd.	Thailand	70.62	1.77	31/5/2005	24/9/2005
CAS Central Office at Sinsakorn Industrail Estate, Samutsakorn	Construction of new 3 storey office block aproox. area of 3,400 sqm. including 3,000 sqm. External work. Also, comercial shophouse/food center with aera of 1,105 sqm.	C.A.S Printing City Co.,Ltd.	Plan Consultants Co.,Ltd.	Thailand	90.00	2.25	10/3/2005	14/9/2005
BMA Condominium (Tower 3), Ramkamheng Rd.	Construct 1 No 21 storey condominium blocks including piling works, structural and architectural works, M&E works incl. Sanitary, fire protection, lifts, communications, water storage tanks, underground waste water treatment system. External works include	Krungthep Tanakom Co., Ltd.	Archen Co.,Ltd./ PBL Engineering Co.,Ltd.	Thailand	143.50	3.59	9/1/2003	22/5/2005

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Cold Storage Warehouse for PITI at wangnoi, Ayudhya	Construction of 15,926 m2. cold storage warehouse with steel structure and 1,704m2. 3-storey R.C building for office space.Works include truck loading area and car parks but no M&E/Interior works.	Piti Center Cold Storage Co.ltd.	Zoom Zoom Design and Construction Co.,ltd.	Thailand	197.95	4.95	18/6/2004	14/5/2005
New Hachtery Facility at Petchabun province	Construction of hatchery facilities with area of approx. 3,000 sqm., 2 nos. of single storey domitory buildings, 2 nos. of underground water tanks, and asphaltic concrete roads approx. 3,500 sq.m	Ross Breeders Siam Co.,ltd.	TOP Design Co.,ltd.	Thailand	44.74	11.12	1/11/2004	30/4/2005
Armed Forced Precadet school (Phase 3), Nakorn Nayok	Additional Exhibition Hall with area of approx. 5,000m2 in existing campus,. Scope includes: Infrastructure, Structural, Architectural, and Interior Decoration works.	The Crown Property Bureau	Christiani & Nielsen/RMJM	Thailand	91.88	2.30	29/7/2004	31/3/2005
CPB Market Renovation (Phase 2) at Ratchaburi province	Renovation work of existing market including M&E and walkway around (total area of 3,280 m2.) Demolition of 1no. Existing building and construct a single storey R.C. canteen & rest room. Construct 3 nos. of external covered walkways to connect with main r	The Crown Property Bureau	Design 103 International Ltd.	Thailand	37.37	0.93	1/6/2004	28/3/2005
GSE Facilities in Suvarnabhumi Airport	Construction of 3 storey building with area of approx. 23,250 m2. Building is R.C frame with steel roof structure and metal roof sheet.	Worldwide Flight Services Bangkok Air Ground Handling Co.ltd.	Scott Wilson Kirkpatrick Thailand Ltd.	Thailand	224.70	5.62	31/8/2004	25/3/2005
Catering Facility for Bangkok Airways in Suvarnabhumi Airport	Construction of approx. 47,000 m2 3-storey building with basemnt & Mezzanine flr. Scope of work includes earthworks, structural, architecural, M&E, external works, and landscaping.	Bangkok Air Catering Co.,ltd.	Scott Wilson Kirkpatrick Thailand Co.,ltd.	Thailand	452.50	11.30	24/8/2004	25/3/2005
Armed Forces Precadet School Extension (Phase 2)	Construction of new 4-storey R.C.building(floor area of 4,161 m2), Works includes M & E, Infrastructure, Furniture & Interior decoration.	The Crown Property Bureau	Chritiani & Nielsen/RMJM	Thailand	150.00	3.75	1/5/2004	1/3/2005
Q-CON Factory (No. 4) at Bang Pa-In, Ayhudya	Construct new factory building (No. 4) with approx. area of 10,000 sq.m. next to existing No.1,No.2,and No.3 buildings.	Quality Construction Products Co., ltd.	Christiani & Nielsen/K.C.S Associates Co.,ltd	Thailand	127.30	3.18	31/8/2004	28/2/2005
Rice Concrete Silo (Phase 2) ,Bangsai, Ayudhya	Construction of concrete Silos 60 nos. size Dia.5.0m./ 32.9 m. high, 40 nos. of concrete Star Bins, Conveyer tunnel size 3.5x70x1.0m., 3-storey office building, and R.C. road 5,900 sqm.	Capital Cereals Co.ltd.	Civil Design & Arch Co.,ltd.	Thailand	202.23	5.05	7/1/2004	6/1/2005
BMA 4 Wastewater Treatment Scheme	Design & Construct wastewater treatment plant including collection system, intermediate pumping stations and buildings with all facilities. JV with ITD , Nawarat Patanakarn & AS Assoc. Total contract Bt3,482 million. CNTshare -25%. CNT scope includes pi	Bangkok Metropolitan Administration	JV & WS Atkins	Thailand	870.50	20.24	28/12/2001	26/12/2004
Makro Trang	Structural & Architectural works for construction of new Malro store with floor area 7,200 sq.m Scope of works includes piling, mechanical & electrical, external works, roads, drainage, parking, security and fencing.	Siam Makro PLC	Chuchawal de Weger Int'l	Thailand	54.60	1.37	22/7/2004	22/12/2004
S.B. Furniture Showroom	Construction of 4-storey R.C. building attached to existing bld. With total floor area of 9,257 m2.	S.B. Furniture Industry Co., Ltd.	Plan Engineering Co.,ltd./Engineering Plus Co.,ltd	Thailand	54.86	1.37	20/5/2004	20/11/2004
TC Office Buildings, at Prachinburi	Construction of 8 no. new bldgs, total floor area 9,800 sq.m comprising Management Office 2 storey plus 1 basement; Multi Purpose Building 2 storey plus 1 basement; 1 storey Thai style building; Canteen; Document Storage & First Aid Building; Spare Parts	T C Pharmaceutical Industries Co Ltd	Architects 49 Ltd	Thailand	155.88	3.89	16/10/2003	15/11/2004

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Sinsakorn Printing City, Samutsakorn	Construction of infrastructure for new printing & packing industrial estate on 800 rai land plot, with 6,000 lin.m dike, 100,000 sqm. R.C. road.	C.A.S. Printing City Co.,Ltd	Plan Associates/Actec/SEMC	Thailand	288.90	7.22	11/5/2004	10/11/2004
Q-Con Factory # 3, at Bang pa in Industrial Estate, Ayudhya	The third factory which is silmilar to no.1 and 2, constructed in the same area.	Quality Construction Products Co., ltd	K.C.S. & Associates Co., ltd./Christiani & Nielsen	Thailand	123.05	3.01	15/3/2004	15/9/2004
Makro Roi Et	Structural & Architectural works for construction of new Malro store with floor area 7,200 sq.m Scope of works includes piling, mechanical & electrical, external works, roads, drainage, parking, security and fencing.	Siam Makro PLC	Chuchawal de Weger Int'l	Thailand	54.60	1.37	1/4/2004	1/9/2004
Makro Phuket	Structural & Architectural works for construction of new Malro store with floor area 7,200 sq.m Scope of works includes piling, mechanical & electrical, external works, roads, drainage, parking, security and fencing.	Siam Makro PLC	Chuchawal DE Weger Intl Ltd	Thailand	61.39	1.53	1/4/2004	1/9/2004
21 storey (Tower 2) Condominiums for BMA, Ramkhamhaeng, Bangkok	Construct 1 No 21 storey condominium blocks including piling works, structural and architectural works, M&E works incl. Sanitary, fire protection, lifts, communications, water storage tanks, underground waste water treatment system. External works include	Krungthep Thanakom	Archen Co.ltd/ PBL Engineering Co.ltd.	Thailand	148.59	3.45	22/1/2003	21/8/2004
Makro Chantaburi	Structural & Architectural works for construction of new Malro store with floor area 7,200 sq.m Scope of works includes piling, mechanical & electrical, external works, roads, drainage, parking, security and fencing.	Siam Makro PLC	Chuchawal de Weger Int'l	Thailand	54.60	1.37	14/2/2004	14/7/2004
Nakhon SriThammarat Road	Rehabilitate and upgrade 31.3 Km of existing road to 4-lane divided provincial highway standard. Principal quantities embankments 563,000cu.m. selected materials 202,200 cu.m. sub base 138,200 cu.m. Soil-cement base 148,050 cu. M. Asphaltic concrete 167	Department of Highways	Department of Highways, Engineer - Nippon Koei Co Ltd.	Thailand	886.35	20.22	28/1/2002	31/5/2004
CP Chokchai Hatchery, at Nakornratchasima	Single storey hatchery building 8,000 sq.m R.C. slab, structural steel columns and roof truss, metal roof sheet, insulated wall and ceilings. Exclude electrical works.	Charoen Pokphand Foods Ltd	Korn Associate Co Ltd	Thailand	72.60	1.85	1/12/2003	31/5/2004
Tesco Lotus Pathum Thani	Piling, Structural and Architectural works for new hypermarket including external works comprising 2 storey main building each floor 13,730 sq.m. Scope exclude M&E works.	Ek-Chai Distribution System Co Ltd	Projects Asia Co Ltd; Forum Architect Co Ltd	Thailand	137.00	3.43	22/5/2003	31/5/2004
Plubpla Housing 2	4 contracts for the construction of (a) 17 No single storey townhouses (2 blocks of 8 & 9 units), (b) drainage in front of townhouses, © retaining wall and backfill, (d) roads and drainage phase 2/2.	Crown Property Bureau		Thailand	74.22	0.48	6/7/2002	31/5/2004
Makro Suphanburi	Structural & Architectural works for construction of new Malro store with floor area 7,200 sq.m Scope of works includes piling, mechanical & electrical, external works, roads, drainage, parking, security and fencing.	Siam Makro PLC	Chuchawal de Weger	Thailand	54.60	1.37	26/12/2003	26/5/2004
Malaiwana Phuket, Estates 4&5	Earthworks, structural, architectural and M&E building services and landscaping for construction of- Estate 4 comprising 1 master bedroom, 3 guest bedrooms, 1 (studio, dining, living, kitchen) pavilion and service building. Estate 5 comprising 1 master be	Samrit Holdings Ltd	Charts Ltd; Bunnag Architects; PMC & Page Kirkland (Thai) Ltd	Thailand	146.42	3.30	25/2/2003	20/5/2004
Lotus Sakol Nakorn NIST Phase II	Design & Construct single storey building 6,590 sq.m including landfill, piling, structural and architectural works, electrical and airconditioning systems, fire alarm and sprinklers, sanitary system, external works including roads, drainage, perimeter se	Ek-Chai Distribution System Co Ltd	Christiani & Nielsen	Thailand	115.56	3.00	30/11/2003	17/5/2004
Canteen Building Works & Refurbishment	Demolition and re-development of a four storey new canteen building with classrooms on upper three floors with toatl floor area of 4,000 sq.m, including piling, structural, architectural and M&E. Refurbishment of existing school buildings approx 13,000 sq	The Foundation for International Education	RMJM, Scott Wilson & Kirkpatrick, Arup Thai M&E	Thailand	30.48	2.55	14/6/2003	14/5/2004

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Precadet School Extensions & Additional Buildings	Design & Construct structural, architectural and M&E works for 2 no. Dormitory Buildings, 4 floors each 6,336 sq.m floor plan; 1 no. Lecture Building 3 floor 5,628 sq.m footprint. Additional decorations to the VIP room. Necessary infrastructure works for	Crown Property Bureau	Christiani & Nielsen (Thai) Plc & RMJM	Thailand	129.43	3.02	18/8/2003	30/4/2004
CP Poultry Plant	Construct single storey building 46,000 sq.m with 2nd floor deck and basement. Scope includes - Structural floor with R.C. beams and R.C topping; steel columns and roof trusses; steel cladding and roof covering; architectural works inc. plastered & painted	Charoen Pokpand Foods Ltd	Korn Assoc Ltd	Thailand	222.43	5.56	15/7/2003	15/4/2004
Makro Sakhon Nakorn	Structural & Architectural works for construction of new Malro store with floor area 7,200 sq.m Scope of works includes piling, mechanical & electrical, external works, roads, drainage, parking, security and fencing.	Siam Makro PLC	Chuchawal de Weger Int'l	Thailand	58.00	1.45	19/11/2003	2/4/2004
Betagro Factory, Phattana Nikhom, Lopbuli	Construct : 9 No. 23.8 m. dia. & 8 No. 7.88 m. dia. Silo foundations including 108 m long tunnel & 11,100 sq.m slab on grad. 1 No. Truck Scale with control room buildign (350 sq.m) Steel structure : 1 No. Intake Building , 1 No. Full Fat Soya Building & C	Betagro Agro Group	Employer	Thailand	42.05	0.00	5/1/2004	2/4/2004
Pattana Sports Club, Chonburi	Building works for the construction of roads & drainage, golf cart maintenance building, canteen building, entrance gate & structure, football field and stadium, M&E works. Design & Construction 3 storey mansion 3,662 sq.m with 3 storey staff accommodatio	Pattana Sport Club Co Ltd	EEC Construction Management, Process Architect & Planner, Pro-En Technologies	Thailand	232.00	5.68	28/8/2003	31/3/2004
CP Wet Bins Pakthongchai Feedmill	Wet Bin & Work House structure by slipform methods comprising Wet Corn structure 15.1 x 11.4 x 48m high (1,040 sq.m); Workhouse Structure (Silos) 50.0 x 37.0 x 48 m high (15,400 sq.m). Feedmill Silo comprising Soya Bean Meal Silo 3 No. 15.6 m dia x 30 m hi	Charoen Pokphand Foods Ltd	Ibberson Int'l	Thailand	298.74	6.50	5/3/2003	18/2/2004
Privy Council Office Building	Construction of a three storey (with single basement) Office Building, with GFA 8,000 sq.m, including all interior and M&E works.Modifications to existing building for temporary and permanent offices for Privy and Foreign Depts with floor area of 1,115 sq	Privy Councillor Secretary Department	SJA 3D Co Ltd	Thailand	228.97	5.32	1/2/2003	31/1/2004
Belucky Factory at Wang Noi, Ayuthaya	Design & Construct of new processing factory meat products, brand "BELUCKY" , Scope of works include : Plant with ground flr. Area of approx. 6,500 m2 and 3,100m2 mezzanine floor, R.C. Office block 1,750m2., M& E works, and also external work for truck I	Belucky Ltd., Partnership	Christiani & Nielsen	Thailand	167.74	4.19	15/3/2004	31/1/2004
Lecture & Service Bldg, Faculty of Communication Arts	Structural architectural and M&E works for 3 new buildings - Bldg 1 - 3 storeys 4,200 sq.m; Bldg 2 - 3 storeys 5,700 sq.m; Bldg 3 - 9 storeys 12,500 sq.m. Works exclude lifts, interior works and landscaping.	Bangkok University	A49 Architects, Engineering System Conslts(ESCON), Construction Manager E49 Engineers.	Thailand	369.84	7.81	6/7/2002	31/1/2004
21 storey Condominiums(Tower 1) for BMA, Ramkhamhaeng, Bangkok	Construct 1 No 21 storey condominium blocks including piling works, structural and architectural works, M&E works incl. Sanitary, fire protection, lifts, communications, water storage tanks, underground waste water treatment system. External works include	Krungthep Thanakom		Thailand	141.27	3.28	1/9/2002	30/1/2004
CP Poultry Plant, Choke Chai, Nakhon Ratchasima	Construct single storey building (46,000 sq.m) with second floor deck & basement. Scope of work includes : Structural : floor slab of re beams with precast planks and re topping, steel colum & roof truss. Architectural : plastered & painted concrete bloc	Charoen Pokpand Foods Pcl.	Korn Associate Co.,Ltd.	Thailand	238.00	5.95	15/6/2003	15/1/2004
Q-Con New Factory 2	Construct new 10,000 sq.m single storey factory adjacent to existing plant built by CNT. Scope includes- Piling, structural & architectural, M&E, external works, roads and drainage.	Quality Construction Products Co Ltd	KCS Assoc Ltd	Thailand	124.99	3.12	1/7/2003	31/12/2003

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Foodland Charoensanitwong	Construct a new 3 storey supermarket building 4,828 sq.m with Scope of Works including-earthworks & piling; structural & architectural; cold & chiller rooms; M&E works; drainage works; concrete external pavement works; security fence & guardhouse.	Foodland Supermarket Co Ltd	Dynamic Eng Consultants Ltd	Thailand	69.00	1.73	7/7/2003	31/12/2003
AB Food Factory Extension	Design & Build 464 sq.m 2 storey utility building including design & building permit; structural & architectural works; piling; M&E works; external concrete slab and walkway.	AB Food & Beverage Thailand Ltd	Christiani & Nielsen	Thailand	10.25	0.00	19/6/2003	31/12/2003
Construction of Royal Banquet Hall, Phuphan Palace	Construct Buildings on rock plate contour comprising:- Royal Banquet Hall 2 stories with basement (1,800 sq.m); Royal Cabin on steel structure (330 sq.m); Wood Patio on steel substructure (220 sq.m) service road 300 sq.m. Exclude M&E works.	Crown Property Bureau	MLTD & Associates, ACTEC Co Ltd	Thailand	55.88	1.16	16/4/2003	31/12/2003
Renovation of Marina Clubhouse and Tropical Sanctuary, Trat	Renovation of architectural finishes and lighting system for Marina Clubhouse and Tropical Sanctuary, Trat. Second Phase 3,000 sq.m housing project on hilly site adjacent to Clubhouse.	Khun Warnnee Ross	KTGY Inter Associates, RKV Structural, March M&E	Thailand	48.50	1.25	1/7/2002	31/12/2003
Q-Con New Factory 2, Bang Pa In Industrial Estate, Ayudhaya	Construct new factory buildign (approx. 10,000 sq.m.) next to existing factory building (constructed by CNT).	Quality Construction Product Co.,Ltd.	K.C.S & Associates Co.,Ltd.	Thailand	133.00	3.33	1/7/2003	31/12/2003
Design & Build New Distribution Centre	Design & Build new Distribution Centre comprising civil, building and architectural and M&E works for warehouse 2,560 sq.m; bottle store 360 sq.m; office bldg 420 sq.m; car park 672 sq.m; external drainage, guardhouse, landscape fencing.	TC Pharamceutical Industries Ltd	Christiani & Nielsen	Thailand	40.18	1.00	1/6/2003	31/12/2003
CP Maturation JR4 - Bangkok Farms	Scope of works includes construction of 2 no. Maturation Units; 4 no. water storage tanks; office; staff house.	Charoen Pokphand Foods Plc	Pantavanij Co Ltd	Thailand	10.37	0.00	10/8/2003	7/12/2003
St Joseph Sanitary	Design & construct new toilet facilities building 20.5 x 2.85m with 12 No. toilet cublices	St Joseph Bangna School	Christiani & Nielsen	Thailand	0.69	0.00	9/10/2003	7/12/2003
North Phuket Resort & Spa (Le Meridien Hotel)	Structural & Architectural Works for a 5-star resort comprising:- Village 18 units (1,000 sq.m); Coffee Shop, Reception area, Store Rooms (3,800 sq.m); Back Office 2 storey (5,600 sq.m); Pool and Swimming Pool; Tennis Courts; Roads; Walkways; Parking; Dr	Vitya Holding Co Ltd	TACE Ltd	Thailand	77.00	2.02	1/4/2003	30/11/2003
Makro Renovation	Repair/renovation to existing store including structural steel canopy to loading docks, transformer roof, roof guttering system	Siam Makro Plc	Chuchawal de Weger	Thailand	0.81	0.00	1/11/2003	30/11/2003
South Sea Pakarang Resort & Spa	Structural and architectural works for 136 units of 4 Star Resort with GFA 10,000 sq.m Scope includes M&E works; Landscape (hardscape), interior finishing works and external roads, parking, drainage and security.	South Sea Resort Co Ltd	TACE & Plan Associates Ltd	Thailand	77.00	2.67	16/1/2003	30/11/2003
MAKRO Chiang Rai	Structural & Architectural Works for new Makro store - 5,500 sq.m including all piling, external and M&E works.	Siam Makro Plc	Chuchawal de Weger	Thailand	52.00	1.00	12/6/2003	12/11/2003
Sai Jai Thai building (Renovation)	Renovations works to existing buildings	Sai Jai Thai Foundation	Architects 49	Thailand	0.69	0.00	13/10/2003	11/11/2003
AB Food Factory Ext., Prapradaeng, Samutprakarn	Design & Construction 2-storey sanitary facilities building (44m x 6m.) Scope of works includes : design & obtain building permit, structural & architectural works, piling, m&e works, external concrete slab & covered walkway	AB Food & Beverages (Thailand) Ltd.	CNT	Thailand	9.52	0.24	9/6/2003	30/10/2003
Fence at CP Residence	Construct fence to private residence of Khun Nutchantart	Charoen Pokphand	Christiani & Nielsen	Thailand	0.78	0.00	15/7/2003	14/10/2003
Carrefour Ladprao K21	Civil and structural works for new hypermarket comprising 25,000 sq.m shopping area with r.c. frame and steel roof truss; 3,500 sq.m covered walkways; 6,000 sq.m mezzanine; 20,000sq.m car park. Scope excludes - piling, painting, roof sheeting, vinyl floor	Cencar Ltd	Siam Cosine & Dunning & Thornton	Thailand	204.18	4.74	25/12/2002	30/9/2003

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
CP Roads & Drainage Pakthongchai Feedmill	Construct new concrete roads and stormwater drains to the new Feedmill facility.	Charoen Pokphand Foods Ltd	Korn Associates	Thailand	42.10	1.10	4/4/2003	30/9/2003
SAMCO Office	Construct 11 new office buildings with total area of 11,921 sq.m. Scope includes site clearance & borehole logs, earthworks, piling, structural & architectural works, M&E, external works including roads, parking areas, drainage, perimeter flood protection	Siam Administrative Management Co Ltd	Ardec Co Ltd	Thailand	127.00	2.95	1/6/2002	31/8/2003
St Francis Xavier School Introduction & Group Building	New school comprising 3 storey 9,258 sq.m multi function Kindergarten building including swimming pool, stores, laundry, multi purpose hall, dormitories, family rooms, toilets. 3 storey Counsellor building 643 sq.m. External works include swimming pool, t	Educational Development Foundation of the Congregation of Sister of St Paul de Chartres of Thailand	Allied Design & Development Co Ltd	Thailand	61.00	1.41	1/8/2002	31/8/2003
Sun Valley Production Line 6 & 7	Building & civil works for a 2 storey factory of 7,661 sq.m footprint comprising pad foundations, r.c. floor slab, steel columns encased in concrete, steel roof truss and metal roofing sheets, all building electrical systems and wastewater treatment system	Sun Valley Thailand Ltd	Wiley Thailand, RMJM & Mienhardt. Thomson & Brandtman QS	Thailand	60.00	1.39	9/12/2002	31/7/2003
Tesco Lotus Chantaburi	Structural and architectural works for new hypermarket including single storey building 19,100 sq.m with mezzanine floor. External works including 25,610 sq.m car park, roads, drainage and security fence. Excludes M&E; Cold/Freezer Rooms; dock leveller;	Ek-Chai Distribution System Co Ltd	Integral Eng & Tandem Architects	Thailand	127.43	2.96	20/1/2003	20/7/2003
Viking Factory Extension	GRP store at existing building D&C by CNT.	Viking Life-Saving Equipment (Thailand) Ltd	Christiani & Nielsen	Thailand	1.36	0.00	27/5/2003	14/7/2003
Q-Con New Factory	Design & Construction of a new factory building, approx 9,000 sq.m, including all structural, architectural, M&E and external works.	Quality Construction Products Ltd	KCS & Associates	Thailand	14.12	0.37	11/2/2003	10/7/2003
Makro Nakhon SiThammarat	Structural and architectural works for the construction of new Makro store, floor area 5,500 sq.m. Scope of works includes piling, structural, architectural, M&E, external roads including roads, car parking, drainage, security perimeter and landscaping.	Siam Makro Pcl	Chuchawal De Weger Int'l Ltd	Thailand	52.00	1.20	18/2/2003	4/7/2003
Q-Con New Factory (Phase 1), Bang Pa In Industrial Estate, Ayudhaya	Design & Construct factory building (approx. 9,000 sq.m.) next to existing factory building (constructed by CNT). Scope of works exclude piling works	Quality Construction Product Co.,Ltd.	K.C.S & Associates Co.,Ltd. TEAC Co.,Ltd.	Thailand	14.12	0.35	14/3/2003	10/6/2003
Lotus at Sakol Nakorn	Design & Construct a single storey supermarket (approx. 6,590 m2) scope of works include : Land Fill, Piling, Structural & Architectural works, all M & E works, and also R.C. external parking lots.	Ek-Chai Distribution System Co., Ltd.	Christiani & Nielsen PCL.	Thailand	115.56	2.89	30/11/2003	17/5/2003
Homepro, Prachacheun	4 storey retail sales building with a total of 20,000 sq.m floor area with piled foundations, R.C framed in-situ building, all structural and architectural finishings and external works including roads and car parking. Excluded from scope of works are M	Home Products Centre Pcl	Engineering Plus Co Ltd	Thailand	81.85	1.90	1/11/2002	15/5/2003
St Joseph Convent School Demolition Works	Demolition works of existing school.	Educational Development Foundation	Christiani & Nielsen	Thailand	0.14	0.01	24/3/2003	15/5/2003

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
CP Nursery JR3 for Bangkok Farm Co	Construction of a new nursery unit comprising 16 nursing units, 4 units staff housing, Artemia Unit for Nursery JR3, Blower for JR3, sand filter 2 units, Canteen for Hatchery JR3 2 units, office for nursery, workshop for JR3 and storgae for nursery JR3.	Charoen Pokphand Foods Pcl	Pantavanij Co	Thailand	21.41	0.49	20/1/2003	19/4/2003
Krabi Resort Hotel	4 star Resort Hotel with 246 suites in 8 No. 3 storey blocks, Central Hotel building with Restaurants, Bars, Reception, Back of House facilities, Health Centre with Tennis Courts, Swimming Pool with Deck and Spa, Staff Housing, M&E Building, Pump House, W	MBK Hotels and Resorts Co Ltd	Plan Assoc., KSC Engs, Davis Langdon & Seah, Charts CM	Thailand	515.03	11.97	22/10/2001	30/3/2003
Silos Foundations for Feedmill	Foundations for Silo complex including excavation for foundations (30,000 cu.m up to 7 m deep); piling for dump truck ramps; piling and insitu concrete for foundations of wet Corn Bin, Grain Annex Silo and Soybean Meal Storage Silo. Approx. 1,376 square r	Charoen Pokphand Foods Ltd	Ibberson Int'l	Thailand	20.93	0.48	20/1/2003	18/3/2003
Makro Site Preparation	Site preparation works for new Makro store including excavation and disposal of 6,148 cu.m. existing soil, import and compact 6,146 cu.m. soil to 0.25m, import and compact leterite fill, compaction to less than 0.4m for 24,852 sq.m.	Siam Makro Plc	Chuchawal De Weger	Thailand	5.07	0.11	3/2/2003	3/3/2003
GENCO Hazardous Waste Landfill Cap, Module Cell 1, Ratchburi Project	Landfill Works for a Hazardous Waste Storage site including 65,500 sq.m geotextile/geosynthetic linings; 13,000 cu.m fill materials; 30,500 cu.m imported fill for permanent bund walls; landfill gas management system; leachate collection pipe system; landf	General Environmental Conservation Pcl	BTG-Golder Co Ltd	Thailand	19.26	0.44	22/7/2002	1/3/2003
BMA Wastewater Project Phase 3/1	Turnkey construction of Stage 1 Part 3 of BMA 1 Scheme comprising pipe jacking wastewater collector pipes 1,257m x 1,000mm dia, 1,724m x 600mm dia, 786m x 500mm dia, 168m x 300mm dia, construction of 45 No Manholes up to 3.5m dia, construction of Intercep	Bangkok Metropolitan Administration	Christiani & Nielsen (Thai) Pcl	Thailand	247.79	5.76	18/5/2001	1/3/2003
Ladkrabang Ind Est Road Rehabilitation	Remove existing R.C. pavement 40,682 sq.m, scarify existing basecourse, lay new concrete road 37,100 sq.m. Drainage works. Reinstate 650m kerb and construct 7 No. new collection pits. Miscellaneous works.	Global Utilities Service Co Ltd (GUSCO)	Coffey (Thailand) Ltd	Thailand	22.88	0.53	16/9/2002	5/1/2003
Badminton Refurbishment	Renovation to existing offices.	Crown Property Bureau	Christiani & Nielsen	Thailand	4.97	0.11	4/10/2002	31/12/2002
NIST Campus Redevelopment, Phase 1 Sports Complex & Early Years Centre	Piling and structural and architectural works for Early Learning Centre - 40 x 37m. single storey bldg classroom complex; Sports Complex 60 x 39m. 3 storey bldg; Swimming Pool 25 x 23 m. Project includes building services under nominated subcontract.	The Foundation for International Education	RMJM, SWK and Arup (M&E). Projects Asia CM	Thailand	118.67	2.57	10/11/2001	13/12/2002
UCE Bournville College of Art	Extension and refurbishment to Maple Road site and refurbishment of Ruskin Hall	UCE	Christiani & Nielsen with Struct-Peel & Fowler; M&E Couch, Perry & Wilkes	United Kingdom		0.00	1/7/2000	30/10/2002
Extension to Existing Factory	Construction of single storey extension to existing warehouse 1,440 sq.m. including piling, concrete structure, steel roof, all architectural and M&E works with external concrete pavement.	Thailon 66 Ltd	Christiani & Nielsen	Thailand	6.84	0.15	1/7/2002	29/9/2002
Concrete Pavement for Fork Lift / Truck Wash Down Area, Nakornchaisri	3,500 sq.m concrete pavement with structural works for existing conveyor system, structural works for truck washing plant and miscellaneous works.	Dutch Mill Co Ltd	Christiani & Nielsen	Thailand	2.58	0.06	2/8/2002	15/9/2002
Royal Berkshire Hospital Consolidation Project 2C	Refurbishment and re-modelling of approx. 8,000m2 of an existing hospital including extensions to plant rooms. Working in 17 phases with adjacent areas of occupation.	Royal Berkshire Hospital	Clifford & Partnrs - Struct; Kennedy & Donkin M&E	United Kingdom	662.40	17.66	3/7/2000	1/9/2002

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Tesco Lotus, Rayong	Construction of New Hypermarket comprising piling, structural and architectural works for 19,100sq.m. single storey main building with 520 sq.m. mezzanine for A/C equipment. Water storage tank 850 cu.m. 5 No grease traps of 65 cu.m each. Waste water treatm	Ek-Chai Distribution System Co Ltd	Tandem Architects, Projects Asia Project Managers.	Thailand	159.16	3.69	1/2/2002	31/8/2002
Viking New Factory Design & Construct	Additional buildings on partially developed site comprising Design and Construct new factory with total area of 7,215 sq.m. Factory of 5,400 sq.m ground floor, p.c. concrete piles, flat slab, R.C columns, steel roof and metal cladding and roofing, . with	Viking Life-Saving Equipment Co Ltd	Christiani & Nielsen with RMJM and Meinhardt.	Thailand	63.87	1.48	12/2/2002	26/8/2002
Tesco Lotus Hypermarket, Rangsit	Civil structural and architectural works for a new R.C. framed hypermarket with post tension slab at 2nd floor, steel structure roof with metal roof sheets, external roads, car parking, drainage, fencing and signage works. Building with 2 no. floors each	Ek-Chai Distribution System Co., Ltd	Integral Engineering Consultants & Forum Architects Co., Ltd	Thailand	197.00	4.58	1/1/2002	15/8/2002
Mae Fah Luang (TAT), Chiang Rai	Construction of Mae Kong Subregional Coordination Subcentre; Rai Mae Fah Luang Phase II Museum & Infrastructure; Mae Fah Luang Gardens Phase III - Royal Biography Hall, including building 21 accommodation units totalling 9,486m2, renovation existing buil	Tourism Authority of Thailand	Origin Design & Planning Co., Ltd	Thailand	306.56	7.04	16/7/2001	9/8/2002
Sociology Building Thammasart University	Construction of 4 storey Lecture Bldg 28,300m2; 9 storey Office Bldg 17,230m2; 5 storey Media Training Centre Bldg 8,099m2; 2 storey Canteen Bldg 2,120m2; 1 storey walkway 1,567m2; Pump House 13m2. Total GFA 56,200m2. All works including piling, structura	Ministry of University Affairs	Architects 110	Thailand	516.00	12.68	12/1/2000	30/4/2002
Veterinary Clinical and Zoological Science Building Mahidol University	Construction of new 2 storey and 1 level basement building of 9,870m2 including bored piles, r.c. structure, all architectural finishes, M&E works and external roads and landscape.	Mahidol University Phuttamonthon	Design 110	Thailand	86.00	2.01	11/1/2000	24/4/2002
Zoological Lecture & Laboratory Buildings Mahidol University	Demolition of existing building and car park; construction of new 9 storey 17,770 m2 building; construction of single storey 315 m2 building; M&E inc. electrical, communications, sanitary, air conditioning and lift works; external roads and car park.	Ministry University Affairs, Mahidol University	Architects & Engineers A110; Consultants Public Works Dept.	Thailand	158.28	3.95	30/9/1999	17/4/2002
Surat Library and Museum for Bangkok University	Construct a 5 storey library building 22,070m2 with in-situ concrete structure, precast and aluminum composite curtain wall, all architectural and finishing work, M&E including computer systems, renovation of existing roads and landscaping.	Bangkok University	49 Engineering Consultants	Thailand	381.19	8.86	16/5/2000	15/4/2002
World Dhammakaya Centre Additional Works.	Various additional works for the Wat Dhammakaya Buddhist Pagoda Project - ID 1633.	Wat Dhammakaya Foundation	Christiani & Nielsen (Thai)/Seven Associated/Projects Asia	Thailand	478.79	11.13	2/1/2001	31/3/2002
Plub Pla Housing	Design & Construct 60 No. 1 storey houses and 20 No. 2 storey houses with r.c. frames, masonry infill works, architectural finishes, M&E including all external works, fencing, drainage etc.	Crown Property Bureau	Christiani & Nielsen	Thailand	190.37	4.65	1/10/1996	31/3/2002
HM Prison Cardiff, Refurbishment of A, B & F Wings	Refurbishment of A, B & F wings in three 'end-on' phases. Work includes re-roofing, new walkways, wall, floor and ceiling finishes and substantial M&E services.	HM Prison service	McBaws Cooper, Construction Manager; WSP Bristol (Struct); Capita Property (Arch. + M&E)	United Kingdom	225.25	5.92	24/1/2000	22/3/2002
Major Cineplex Rangsit	R.C. framed with post tensioned slab structure, steel trusses & metal roof, curtain walling and all architectural works for Cine Theatre & Entertainment Centre. Total 37,410m2 g.f.a. comprising parking for 474 vehicles; 1st floor level 1 13,305m2; 1st fl	Major Cineplex Co., Ltd	Bangkok Architects / S & Associates Ltd	Thailand	108.49	2.52	1/8/2001	28/2/2002
Bangkok Christian College New Building	Construction of new 19 floor school building with two basement levels with gfa 23,780m2; access roads 1,300m2; all sanitary and fire protection. Excludes electrical, a/c, lifts, interior decoration and landscaping.	Bangkok Christian College	TEAC and 49 Construction Management	Thailand	213.96	4.97	9/6/2000	28/2/2002

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Viking Renovations	Renovation of a partially completed single storey building. Scope of Works includes architectural works - concrete block walls plastered and painted both sides, installation of toilets, windows, doors, M&E.	Viking Life-Saving Equipment Pts Ltd	Christiani & Nielsen	Thailand	0.59	0.01	28/1/2002	24/2/2002
Alcatel Cell Site Roll Out Telecomms Relay Sites	Construct 10 no. piled foundation sites each to receive mobile telephone tower relay masts. Mast supplied by others but scope includes delivery and erection. BKF0029A Rat Phatthana; BKF0046A Onnuch 65; BKF0069A Ram Intra 65; NTB0025A Wat Maduar; BFK0045A	Bellwater Thailand Ltd	Alcatel	Thailand	5.25	0.12	5/11/2001	31/1/2002
SCB Road Repairs	Repair of 3,200m2 concrete roads and related works.	Siam Commercial Bank PLC	Christiani & Nielsen	Thailand	6.31	1.46	12/9/2001	31/12/2001
Old Siam Plaza Renovation	Extensive repair and renovation to the main roof structure of the Siam Plaza. Structural steel work, re-roofing and waterproofing. General renovations.	Siam Sindhorn Ltd	Owner	Thailand	6.20	0.13	8/11/2001	31/12/2001
Sai Jai Thai Demolition and Refurbishment	Demolition of single storey Building B. Renovation of 5-storey Buildings A & C, floor area 700m2, including some demolition, architectural, sanitary and electrical work.	Sai Jai Thai Foundation	Architects 49	Thailand	15.31	0.36	6/12/2001	10/12/2001
Renovation to Banknote Printing Works	Renovation works include structural alterations and modifications to floors, walls, ceilings and external curtain wall. Upgrade and improvement of air conditioning, electrical system. New external sign boards.	Bank Of Thailand	Christiani & Nielsen (Thai) Ltd	Thailand	11.01	0.25	10/7/2001	1/12/2001
Site Preparation & Piling Works Krabi Resort Hotel	Works include site clearance, habitat protection & fencing, earthworks and temporary roads, piling and temporary site facilities.	MBK Hotels & Resorts Co., Ltd	Construction Managers - Charts Ltd	Thailand	17.01	0.39	18/7/2001	17/10/2001
Tyne & Wear Metro Extension Civil Works	Design and Construct of civil works for new metro rail system including 5 Km new track, part single, part double track; 5 No. new stations; modifications/extensions to existing bridges and retaining walls; major earthworks. To work in parallel with other	Railtrack Plc	Christiani & Nielsen with CEDG	United Kingdom	2,276.84	59.72	10/1/2000	1/9/2001
Stockport WTW Contract 3	Structural refurbishment of 3 post tensioned concrete digesters. New steel framed buildings to house gravity belt sludge thickeners, motor control centre of polymer dosing equipment together with odour control.	North west Water	Bechtel Water	United Kingdom	183.60	4.83	17/3/1999	1/9/2001
Impact Arena Wireless Communications Switch Station	Refurbishment of one floor of a multi floor existing building including demolition, piling, concrete works, partition walls, architectural finishes and reglazing.	Bellwater Thailand Ltd	Woods Bagot; Dunning & Thornton	Thailand	15.00	0.34	4/2/2001	1/8/2001
Patras Port - New Harbour Section 1.	Joint Venture (50% -- 50%) construction of quay wall on improved sub-soil 470m long comprising 25 hollow concrete caissons and landside fill to +1m level - approx 1 million m3 fill. Offshore breakwater 880m long comprising 1.5 million m3 rock fill bund	Patras Harbour Fund	Christiani & Nielsen and Technical Company of General Constructions S/S	Greece	1,295.00	42.74	1/1/1997	30/7/2001
Warwick Business School Phase II	Design & Construct 3,950m2 of academic accommodation and one lecture theatre, forming Phase II of a three phase development. Construction comprises RC Frame, cavity walls and inverted flat roof construction. Limited drainage and external works. (See ID 1	University of Warwick	Christiani & Nielsen; Struct - CRH; M&E - Fulcrum	United Kingdom	246.60	6.48	7/3/2000	1/7/2001
HM Young Offenders Institute, Aylesbury	The general refurbishment, upgrading of security, re-roofing and renewal of M&E installations to B&C wings together with sundry works to central core and external works, including improvements to security fencing with works to be executed on a sectional c	Secretary of State for the Home Department	Strct. Galbraith Hunt Paennington; M&E, Troup Bywaters & Anders	United Kingdom	253.50	6.66	3/5/2000	1/6/2001
Carrefour Bangbon	33,660m2 gfa, two storey hypermarket including civils, main structure, roofing and cladding, interior floor finishes and tiling. Excludes all M&E, HVAC, decorative trades.	CenCar Ltd	Siam Cossine Consultants Ltd	Thailand	152.00	3.53	13/12/2000	31/5/2001
Stockport WTW Inlet Works	Design and construct new screw pumping station - modifications to inlet works, founds to new screen handling area, control room, odour control units and associated pipe works. (Total plant capacity comprising Low level stations at 260,000m3/day, High leve	North West Water Ltd	Design Christiani & Nielsen Clients Eng Bechtel Water Technology	United Kingdom	87.60	2.30	20/4/2000	20/5/2001

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Plub Pla Housing Extra Works	Extensions and extra works for original Design & Construct contract for 60 single storey houses and 20 2 storey houses all with R.C. frames and masonry infill. Project includes for full M&E installation. See ID 1942)	Crown Property Bureau	Christiani & Nielsen (Thai) Pcl	Thailand	80.00	1.86		24/4/2001
Rail Bridge Upgrade and Strengthening	Strengthening, repair or reconstruction of railway overbridges in the Railtrack NW Region to meet new weight requirements. Approx. 100 structures to be upgraded. Contractor is responsible for the Design & Construction of the required works together with n	Railtrack NW	Christiani & Nielsen Ltd	United Kingdom	248.00	6.40	18/10/1999	1/3/2001
Rail Station Regeneration Programme	General upgrade of 75 No. stations in the Cumbria region. Quantity of work varies station to station but will include some of following - demolition of existing structures; re-roofing existing stations; raising platform coping levels; overhauling footbrid	Railtrack NW		United Kingdom	372.00	9.60	30/9/1999	1/2/2001
Q-Chem Project, EPC Marine Dock	Engineering, procurement and construction of a marine dock for container and liquid loading comprising combi pile wall, fill, capping and rail crane beams, vibro stone columns, container storage and loading pavements, dredging works and shore protection.	Qatar Chemical Co Ltd. Main EPC Contractor - Brown & Root Int'l/Technip	Christiani & Nielsen Ltd	Qatar	686.70	18.07	22/1/2000	21/1/2001
Nightingale House Refurbishment.	Provision of 15 new residential units behind an existing retained facade.	Blueprint Estates Ltd	Arch. Project Design Ptnrship; Eng. Peter Brett Assoc.; M&E Condall Johnson	United Kingdom	166.80	4.38	17/4/2000	11/1/2001
Lerwick, Shetland Islands Wastewater Treatment	Design Construct, test and commission new sewage treatment works and sludge treatment and storage facilities, followed by 12 months of performance testing at Lerwick on the Shetland Islands.	North of Scotland Water Authority	Design Christiani & Nielsen; Clients Eng. Halcrow	United Kingdom	105.60	2.77	1/12/1999	10/1/2001
Red Bank Coastal Protection Scheme	Demolition of parts of the existing coastal protection and the construction of new/replacement reinforced concrete coastal defences. Installation of interlocking sheet piles under the commencing surface of the beach.	Blackpool Borough Council	Blackpool Borough Council	United Kingdom	113.40	2.88	10/1/2000	10/1/2001
Regional Phosphate Dosing Water Treatment Phase III	Regional Phosphate Dosing Water Treatment Phase III, design, manufacture and installation of complete phosphate dosing systems on 13 sites in the Manchester area including all civil, mechanical & electrical works.	North West Water Ltd	Design Christiani & Nielsen; Clients Eng. Bechtel Water Technology	United Kingdom	67.50	1.92	11/1/1999	9/1/2001
Ellismere Port Waste Water Treatment Works Sludge Centre M&E Works	1 sludge screen press, 2 gravity belt thickness, modifications to existing sludge storage tanks, 3 hot water boilers, biogas flare stack, 1 tanker loading station, various pumps and interconnecting pipe work, modifications to existing building and removal	North West Water	Bechtel Water Technology	United Kingdom	124.20	3.26	1/2/1999	31/12/2000
Stornoway, Shetland Islands Wastewater Treatment	Design Construct, test and commission new sewage treatment works and sludge treatment and storage facilities, followed by 12 months of performance testing at Stornoway on the Shetland Islands.	North of Scotland Water Authority	Design Christiani & Nielsen; Clients Eng. Halcrow	United Kingdom	178.20	4.68	1/1/2000	31/12/2000
Lakeside Park Development, Brynmawr	Demolition of industrial buildings, reclamation of contaminated site, infrastructure for new housing development and access improvements.	Maincourse Ltd	Bingham Hall O'Hanlon & Ptnrs	United Kingdom	264.12	6.95	1/3/2000	31/12/2000
Kirkwall, Shetland Islands Wastewater Treatment	Design Construct, test and commission new sewage treatment works and sludge treatment and storage facilities, followed by 12 months of performance testing at Kirkwall on the Shetland Islands.	North of Scotland Water Authority	Design Christiani & Nielsen; Clients Eng. Halcrow	United Kingdom	146.40	3.85	1/1/2000	31/12/2000
Tourism Authority of Thailand Exhibition Centre, Chiang Rai	Concrete frame buildings comprising 1No. 3 storey Exhibition Building 11,000m2 with lecture theatre; Reception & Ticketing 950m2; tunnel 420m2. Parking 7,900m2 including walkways. Landscaping, gardens and ornamental pond 19,400m2. Roads and access 7,700m2.	Tourism Authority of Thailand	Origin Design Co Ltd. Project Management by Projects Asia	Thailand	232.00	6.00	26/2/1999	2/12/2000

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Regional Phosphate Dosing Framework Agreement	Design & Construction of equipment for dosing sodium dihydrogen orthophosphate on 54 sites located in the NW of England. Variable civils and M&E content of each plant.	North West Water	Bechtel Water Technology & Christiani & Nielsen Ltd	United Kingdom	186.00	4.80	1/11/1999	1/12/2000
Foodland Supermarket	Construction of a new supermarket facility comprising single storey 2,498m2 building, all structural, architectural, civil and sanitary engineering works. Includes R.C road and car park of 3,955m2.	Foodland Supermarket Co Ltd	Dynamic Engineering Consultants Co Ltd (DEC)	Thailand	39.95	1.01	26/6/2000	18/11/2000
Siam Clothing Supplier Factory	2 storey factory structure, excluding piling, with 1 basement level including architectural and sanitary works. Single storey canteen 465m2. New road of 1,516m2 and landscaping.	Siam Clothing Supplier Factory	Builder Consultant Co, Dynamic Eng. Consultants	Thailand	33.50	0.88	16/5/2000	16/11/2000
Northfleet Bridge, STDR Stage 4, Underline Rail Bridge, No. 838A	Design, construction and installation of a concrete box structure (internal size 39m x 17m x 8m) including wing walls and parapets. Constructed within a steel needle beam support beneath an existing rail embankment.	Kent County Council	Babtie Group and Christiani & Nielsen Ltd	United Kingdom	197.00	5.08	22/10/1999	21/10/2000
Kirkdale Station Revitalisation	New footbridge, ticket office and CCTV system and demolition of the existing facility.	Railtrack Northwest	Railtrack Northwest	United Kingdom	106.47	2.80	23/12/1999	12/10/2000
Southport Pier Restoration	Works comprise the restoration of the pier and the construction of a new pavilion near the end of the pier. The existing pier comprises case iron columns supporting a steel structure with timber decking. The pier is a grade 2 listed structure. Works also	Sefton Metropolitan Borough Council	Posford Duvivier (Caernarfon)	United Kingdom	279.72	7.36	3/1/2000	30/9/2000
General Motors / Adam Opel motor vehicle manufacturing and assembly plant, Contract 3, Rayong.	Contract # 3 comprising construction of the motor vehicle assembly plant with 15 buildings with 60,000m2 floor area; 146,107m2 roofing and cladding; full M&E installation. Site infrastructure includes 76,100m2 concrete roads; 25,500m2 asphaltic roads; 8,	General Motors / Adam Opel	Ove Arup / Morris & Knudsen	Thailand	1,600.00	64.00	1/4/1997	30/9/2000
Ventor Wastewater Scheme	Construction of 4No. pumping stations at Lion Point, Flowers Brook, Steephill and Bonchurch with associated transfer mains. New sewers and rising mains comprising 12,000 m x 375mm - 1,200mm dia.; 1,700m x 300mm - 350mm dia. pressure main all in ductile iron	Southern Water	Rendel, Palmer and Tritton	United Kingdom	882.00	23.21	20/1/1998	30/9/2000
Refurbishment 52 Ovington St, London SW3	Removal and reconstruction of entire second floor and roof with internal revisions and decorations.	Mr. Richard Surface	Latitude Architects	United Kingdom	8.10	0.22	23/5/2000	15/9/2000
Horsenden Primary School	Traditional construction of a 3,800m2 incorporating steel frame with cavity walls with blown insulation. Building is on 192 CFA piles with ground floor swimming pool. Roof is aluminium standing seam roof on steel framing. First floor comprises precast concrete	London Borough of Ealing	Brown & Root, Ealing Technical Services	United Kingdom	266.00	7.08	15/7/1999	15/8/2000
Warwick University Computer Building	3,500m2 of teaching, research and academic accommodation on 4 floors. R.C. frame with coffered slabs, cavity walls with insulated render and rain screen. M&E and external works.	University of Warwick	Peel & Fowler (Eng); Hoare Lee & Partners (M&E); RH Partnership (Arch.)	United Kingdom	209.40	5.59	9/8/1999	6/8/2000
Minworth Sewage Treatment Works: Secondary Digester Renewal	Refurbishment of the secondary sludge digester plant, including 600mm dia. pumps, valves, pipe work, concrete structures and services. Provision of new pumping station and tanker filling point. Building works to refurbish secondary digestion plant pump house	Severn Trent Water	Severn Trent Engineering	United Kingdom	195.00	5.13	28/1/1999	30/7/2000
New Police Station, Bloxwich	Demolition of existing police station and surrounding buildings. Construction of main structure with in situ rc frame on pad foundations with variety of cladding (brickwork, stonework, sheet steel and curtain walling) and an aluminium seam roof. Approx.	West Midlands Police Authority	Mason Richards Arch.; Cox Turner Morse, Engineers	United Kingdom	309.78	8.60	17/2/1999	30/7/2000

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
IDS Logistical Cold Store	Refurbishment of existing warehouse including roller shutter doors, new machine room, new staff facilities, install 7 new cold rooms totalling 1,500m2 with all associated M&E.	IDS / Li Fung	Christiani & Nielsen Thai - Eng. - SGS	Thailand	28.00	0.73	4/5/2000	28/7/2000
Park Lane Highway and Aintree Station Improvement	Widening of two lane single carriageways to 4 lane carriageway 710 m. long, three roundabouts including connection into existing road, footway/clearway along whole section, street lighting, demolition of existing brick arched rail bridge and construction	Metropolitan Borough of Sefton	Client	United Kingdom	214.83	4.99	19/7/1999	18/7/2000
Route No.11 Lampang to Lamphun	Construction of 10.1Km. four lane concrete highway comprising excavation earth 113,400m3; excavation soft rock 165,640m3; excavation hard rock 154,420m3; embankments 347,200m3; subbase 38,300m3; crushed rock 28,000m3; 250mm concrete pavement 166,500m2; r.	Dept Highways, Thailand Contract IBRD/LN 3968-TH(1)	Team Consulting Engineer; PM Thai Eng. Consults & Louis Berger Int'l	Thailand	619.17	16.32	30/7/1998	18/7/2000
Wavertree Station - Implementation Works	Construction of a new railway station in Wavertree on the existing Liverpool - Manchester line. The station site is located at an existing 10m deep cutting and the new station ticket office and buildings are situated on top of a new 3 span steel bridge a	Railtrack NW	Client	United Kingdom	116.04	3.09	27/8/1999	25/6/2000
Celtic Gateway Site 2 Office	Three storey in situ RC framed 3,000 m2 office block, comprising aluminium roof, curtain walled envelope with aluminium windows, internal partitions, lifts, M&E services along with associated external works.	Celtic Gateway Ltd	Christian & Nelson/Powell Dobsen/Bingham, Hall, O'Hanlon	United Kingdom	178.20	4.75	7/6/1999	30/5/2000
Alba Crane Rail	Joint Venture with A A Nass Contracting for the modification of existing Alba jetty comprising the design and construction of a 120m crane rail including support steelwork, tubular steel support piles and modifications to existing structure.	Aluminium Bahrain BSC	Aluminium Bahrain BSC with Alesa	Bahrain	60.56	1.59	13/12/1999	1/5/2000
Wayoh Waste Water Works Filter Refurbishment	Refurbishment of the existing 8 primary filters; removal and replacement of all filter valves and penstocks; removal and replacement of the two existing air saturators; modification of existing control philosophy; provision of turbidity monitoring for pri	North West Water	Bechtel Water Technology	United Kingdom	59.40	1.56	11/10/1998	14/4/2000
World Dhammakaya Centre (Stage 1), Patumthani	Design and Construction of Wat Dhammakaya Buddhist Pagoda, circular in shape, 172.8 m. in diameter ground floor plan and built on stainless steel clad reinforced spun concrete piles. Concrete design is to endure for 1,000 years and incorporates stainless	Wat Dhammakaya Foundation	Christiani & Neilsen (Thai)/Seven Associated / Project Asia	Thailand	2,530.00	101.20	15/11/1995	31/3/2000
Thorlands Estate External Works	External enhancements to properties and courtyards comprising new stair access towers, new garages and refuse stores, filling and hard landscaping, security enclosures, pedestrian and vehicular gates, lighting and drainage.	London Borough of Lambeth	Levitt Bernstein Assoc.	United Kingdom	230.00	5.08	24/7/1998	30/3/2000
Fort Land Link Road	Site investigation, survey and design work in advance of the main contract for an alternative road alignment within the Port of Tilbury.	Port of Tilbury, London Ltd	Boreham Associates/Tony Gee & Ptnrs	United Kingdom	2.13	0.06	21/2/2000	21/3/2000
Chalermprakiat University Agricultural Museum Upgrade	Interior upgrade comprising architectural works, M&E, sound light and vision systems, fire protection.	Ministry of Agriculture and Cooperatives	Non Truang Chai	Thailand	105.00	2.83	2/6/1999	27/1/2000
Heritage Hotel Project	Turnkey construction for new hotel and office complex comprising 3 storey u/g basement; 10 storey hotel block; 15 storey office block.	IRAT Management Services Sdn Bhd	Architects : Arkitek KDI Sdn Bhd, Engineers : Rahulan Zain Associates	Malaysia	2,240.00	64.00	1/9/1997	31/12/1999
Volclay Factory Extension	3,000 m2 extension for bulk material storage inc. piling, slab, battered walls, roofing etc.	Volclay Siam Ltd	Meinhardt	Thailand	8.79	0.23	15/9/1999	25/12/1999
Refurbishment of Government Buildings, Stanmore	Work comprises a fit out to 2 newly constructed buildings and strip and refurbishment another. Strip comprises removal of partitions, ceilings, floor finishes and services. New work to the three buildings entails new partitions, ceilings, floor finishes,	PACE Building Services	MHM Architects, Turner & Townsend Construction Managers	United Kingdom	81.90	2.15	5/11/1999	24/12/1999

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Grammy Music Academy Building Works	construct a new concrete frame building 2 storeys of 1,000m2 floor area. Renovate existing 6 storey building of 1,000m2 floor area. External works.	Mifa Co Ltd	Christiani & Nielsen	Thailand	24.92	0.72	23/7/1999	23/12/1999
Alba Jetty	Coke Calcining project design and construction of jetty head, access bridges and conveyor support in precast/insitu deck on steel substructure and tubular steel piles. In Joint Venture with AA Nass Contracting Co W.L.L.	Aluminium Bahrain BSC	Aluminium Bahrain BSC	Bahrain	378.07	10.51	27/1/1999	21/11/1999
BOT Press Area	Renovation architectural and M&E services of a Press Room and Resting Area for TV reporters etc.	Bank of Thailand	110 Architects Co Ltd	Thailand	3.60	0.10	12/7/1999	8/11/1999
North Wirral Waste Water Treatment Improvements	Design & Construction of a new inlet works with fire screenings, grit removal and flow measurement. New variable and fixed speed pumps in pumping station. Conversion of 4 extg storm tanks to 2 primary and 2 attenuation tanks. Provision for new sludge trea	North West Water	Bechtel Water Technology & Christiani & Nielsen	United Kingdom	210.00	5.52	7/1/1999	22/10/1999
Piers & Wharves at Changi East - Phase 1A	Construction of wharves and finger piers 32,100m2 comprising precast and insitu concrete decks supported off 1264 No. 700mm dia precast prestressed spun concrete piles and associated finishing works including fenders and bollards, attendance upon M&E works	Singapore Ministry Of Defence	St Architects & Eng's., in Assoc. Specs Consultants Ltd	Singapore	932.99	25.21	15/11/1997	15/10/1999
Renovation of Bank Building No.3, Thevej.	Renovation of an existing 9 story building including new elevators and fixtures.	Bank of Thailand.	110 Architects	Thailand	108.71	4.34	1/11/1998	1/10/1999
Pewterspear District Distributor Road Phase II - Contract N19	710m of district distributor road and 440m of local distributor road all in flexible construction. Incorporating three roundabouts with associated drainage, footways, signs and street lighting.	Commission New Towns (CNT) North	WS Atkins	United Kingdom	159.60	3.99	1/10/1998	30/9/1999
Lydbrook Pumping Station	Construction of 3.0m dia pipe pumping station and 22 x 12 x 5m deep r.c. contact tank on piled foundations. Design and installation of replacement pumping and disinfection plant.	Severn Trent Water	Babtie Group	United Kingdom	63.00	1.65	4/1/1999	30/9/1999
ECCO Tannery Factory	Construction of buildings including full M&E installation comprising Tannery 7,806m2; canteen 1,045m2; garbage house and gate security house. External works comprise 7,581m2 concrete roads; drainage; security fencing and gates; u/g water storage facility.	ECCO Tannery (Thailand) Ltd	Planning & Research Conslt.	Thailand	132.00	3.56	24/3/1999	19/9/1999
University of Warwick Business School Development	Design & Construct 1,728m2 teaching and academic accommodation on 4 floors with basement. RC frame and floors, cavity walls and inverted flat roof construction	University of Warwick Foundation	John Miller & Partners	United Kingdom	116.40	3.23	4/1/1999	17/9/1999
Carrefour 9, Rattanathibet	Piling works and pile caps comprising 285 no. 400x400mm x 21m sq pc piles; 40 no. 260x260mm x 21m sq pc piles; 458 no. 500mm dia 21m spun piles; 234 no. structural works for pile caps; 2,500m3 excavation and backfill; sand backfill 500m3.	CenCar Ltd	Tesco & Christiani & Nielsen	Thailand	18.18	0.49	6/7/1999	27/8/1999
Bank of Thailand Renovation Building No. 5	Full structural and architectural renovation of building No.5 including M&E.	Bank Of Thailand	110 Architects Co Ltd	Thailand	193.36	5.08	26/10/1998	21/8/1999
Multi Storey Car Park, Royal Berkshire Hospital	Construction of a new seven storey post tensioned reinforced concrete car park including off site drainage and service connections. Minor enabling works to gas cylinder storage area and underground walkway.	Royal Berkshire & Battle Hospital (NHS Trust)	Clifford & Partners / Kennedy & Donkin / Nightingale Assoc.	United Kingdom	250.37	5.72	14/9/1998	30/7/1999
Site preparation for Whiskey Distillery	Site preparation for a new Whiskey Distillery	Sura Piset Phatra Lanna Co Ltd		Thailand	3.76	0.10	1/7/1999	28/7/1999
A40 Lansdown Road Bridge Improvement	Widening of existing 2 span masonry archbridge which carries the A40 over the Birmingham to Gloucester railway line. Widening involves the construction of a 2 span composite steel and concrete deck on R.C. pier and abutment. As well as upgrading the struc	Gloucester County Council	Halcrow	United Kingdom	44.97	1.03	13/7/1998	12/7/1999

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
A289 Gillingham Northern Link Joint Venture	Construction of 6km Dual Carriageway in flexible construction linking the new Medway Tunnel with the A2 road. Structural works include 1,200 mm dia. secant and contiguous piling to tunnel approaches, retaining walls of various heights, two steel railway	Kent County Council	Client	United Kingdom	1,254.50	40.14	29/9/1997	30/6/1999
Beirut - BCD Marine Works	Construction manager for 1,000m long sea front defence works including lagoon and two marinas.	The Lebanese Company for the Development and Reconstruction of Beirut Central District, S.A.L. (Solidere)	Maunsell Consultancy Services Sogreah Ingenieere	Lebanon	135.00	3.60	2/10/1995	28/6/1999
Springvale Pumping Stations and Pipelines	Refurbishment of an existing CSO and pumping station to meet EC Bathing Water Directive. Refurbishment and upgrading of 2,000m of existing pipeline by pipe bursting and slip lining with HDPE and ductile iron pipes up to 450mm dia.	Southern Water	Client	United Kingdom	105.00	2.76	12/1/1998	15/6/1999
Gate Gourmet Waste Water Pre-Treatment Plant	Design & Construct civil works only for the waste water pre-treatment plant.	Gate Gourmet (Thailand) Ltd	Christiani & Nielsen Thai	Thailand	1.70	0.47	2/3/1999	6/6/1999
Pre-Cadet School, Nakorn Nayok	Design & construction new campus comprising 80 buildings including Head Quarters; Support Facilities, Educational Building, Cadets Compound & Dormitories, Sport Complex, Residences total of 226,563 m2 of walkways and building platforms, M & E. Infrastruct	Crown Property Bureau.	Christiani & Nielsen with RMJM	Thailand	1,187.00	31.23	1/6/1997	30/5/1999
Thai Aromatics Marine Jetty	Design & construction new breasting island for 800 tonne dwt tanker, complete with 4 mooring dolphins, 2 breasting dolphins connected by trestle walkway concrete structure supported by tubular steel piles approx. 110 No x 40m x 400mm dia. Subsea pipeline	Foster Wheeler Int'l Co.	Christiani & Nielsen / Scott Wilson & Kirkpatrick	Thailand	381.00	10.02	29/10/1997	28/5/1999
A49 Drws-Y-Nant Road Improvement	1.3km Single carriageway in flexible construction in rural setting. 1 no. footbridge, 1 no. culvert and several retaining walls. Rock excavation processed to produce special fills.	Welsh Office	Gwynedd County Council	United Kingdom	132.60	3.53	1/12/1997	10/5/1999
Infrastructure Works at Tirfounder Fields, Wales	Works involve the enlargement of the existing traffic roundabout on the A4059 with road access into the site. The construction of a permanent road bridge over the River Cynon. A main service road with three roundabouts within the site. Foul and storm water	ASDA Stores	Clarke Bond Partnership	United Kingdom	85.12	2.13	12/10/1998	9/5/1999
Cuckoo Road Improvement, Phase II, Project E 1093	350 metres of dual carriageway with a new signal controlled junction, inclusive of street lighting and landscaping.	Birmingham City Council	Birmingham Design Services	United Kingdom	64.43	1.61	21/8/1998	20/4/1999
A494 Drws-Y-Nant Improvement	1.3 Km. Single carriageway, flexible construction in rural setting. 1 No. footbridge, 1 No. culvert, several retaining walls, rock excavation processed to produce special fills.	Welsh Office	Gwynedd Council	United Kingdom	139.23	3.23	19/11/1998	31/3/1999
Oldhamway Way Footbridges	Construction of Union Street West and King Street roundabout footbridges.	Oldham Metropolitan Borough Council	Powell - Williams Architects; Robert Benaim Engrs	United Kingdom	78.40	1.79	29/6/1998	30/3/1999
RAF Lyneham; 47 AD Sqd, RLC Accommodation	Single storey headquarters building of traditional construction, approx. 525m2 and single storey MT facility, traditional construction of approx. 800m2. New road construction, hard standing, wash down facility and footpaths. Demolition of existing headqua	MOD	Architect - Burgess; Engineer - Scott Wilson	United Kingdom	77.44	1.94	9/10/1998	9/3/1999
A5124 Battlefield Bridge Link Road - Phase II	Construction of 32m. of 9.3m. wide single carriageway and new span r.c. railway bridge to be constructed and then jacked through existing rail embankment and slid into place during 72 hour possession of railtrack. Deck weight was 1430 tonnes.	Shropshire County Council	Babtie Group	United Kingdom	160.30	3.66	20/7/1998	28/2/1999

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Gunwharf Quays Marine Deck and Piling	Construction of a 1,500m2 suspended concrete deck over a tidal mudflat. Design and installation of approximately 350 No. tubular steel bearing piles.	Berkeley Festival Waterfront Co.	L. G. Mouchel & Partners	United Kingdom	497.00	11.36	12/8/1998	20/2/1999
Ellesmere Waste Treatment Works Sludge Centre M&E	Mechanical & Electrical works with minor civils in upgrading 3 x 4,000m3 digester tanks. Plant is secondary treatment process only with capacity of 250m3/day	North West Water	Bechtel Water Technology	United Kingdom	44.40	1.16	8/10/1997	17/2/1999
Liverpool Waste Water Treatment Digester Refurbishment	Refurbishment of 4 no. digesters including coring through r.c. walls, installation of pipes, internal cleaning and installation of M&E equipment associated with digested sludge plant.	North West Water	Bechtel Water Technology	United Kingdom	106.80	2.81	16/2/1998	15/2/1999
Whitacre WTW Cryptosporidium Control	Modifications to existing rapid gravity filters, new pipe work and chambers for drain and wash water systems. Associated modifications to power control systems.	Severn Trent water Authority	Carl Bro	United Kingdom	21.95	0.56	11/2/1998	4/2/1999
East Midlands Airport ATC Tower	Design and Construction of 53 metre high, slip formed R.C Control Tower with a prefabricated structural steel sub-cab and visual control room including plant room, media centre and rest rooms. Single storey adjoining Base Building and associated external	East Midlands International Airport Co Ltd	Christiani & Nielsen - Curtins Structural; Crampin, Pring, McArtney Arch.	United Kingdom	161.33	3.56	1/6/1998	18/1/1999
Sheerness Berths 6, 7 and 29,000m2 Chill Store	Design & Construction of Berth 6 - 230 x 165m part land based, part open piled RC river structure providing berthing facilities and substructure support to Chill Store; Berth 7 - 165 x 30m berth with new access roadway; Chill Store of 29,000m2 x 14m high	Mersey Docks & Harbour Co	Christiani & Nielsen Ltd	United Kingdom	2,750.00	48.00	1/10/1997	23/12/1998
Renovation of Bank of Thailand Building No. 5.	Additional works for the renovation of building No. 5. carried out under CNT Contract 11175	Bank Of Thailand	110 Architects Co Ltd	Thailand	1.27	0.03	16/9/1998	14/12/1998
New Shri Venkateswara Temple and Associated Site Works	Construction of a two storey concrete framed temple incorporating granite external walling and associated features. Internal finishes and services throughout. Overall area 2,100m2. External landscaping and site works incorporated within the contract.	Shri Venkateswara (Balaji) Temple, UK	Carl Bro Group	United Kingdom	171.36	4.03	19/2/1998	16/11/1998
Laem Chabang Container Terminal	63,000m2 asphaltic concrete paving, warehouse and office, road and drainage system, three lighting towers and 2,000 lin. mtr fencing.	Banpu Terminal Co Ltd	Civil Design & Arch.	Thailand	59.85	1.49	7/4/1998	15/11/1998
Hams Hall National Distribution Park Earthworks.	On site earthworks 700,000m3 including selective excavation and grading, including breaking out 70,000 m3 old concrete substructure which was processed by munching, crushing and screening to produce reusable fill. The site is for a new industrial park.	PowerGen plc	Mott McDonald	United Kingdom	104.74	2.65	5/5/1998	23/10/1998
Lowry Centre Footbridge	Construction of 92m single span, 22m vertical lift footbridge, hydraulically driven, across the Manchester Ship Canal.	Lowry Centre Dev. Co	Parkman	United Kingdom	295.80	6.96	18/8/1997	25/9/1998
A420 Swindon - Botley Road Improvement Stage 2	The widening of Botley Road to include cycle lanes, the provision of 2 new composite deck footbridges	Oxfordshire County Council	WS Atkins - Oxford Transportation	United Kingdom	29.45	0.74	26/5/1998	14/9/1998
Oxford - Improved Seacourt Park and Ride Access	Additional dedicated traffic lane on the A34/A420 Link Road to Seacourt	Oxfordshire County Council	WS Atkins - Oxford Transportation	United Kingdom	19.23	0.48	26/5/1998	14/9/1998
Oxford- Improved Access to Seacourt Park & Ride	The addition of a dedicated traffic lane on the A34/A420 Link Road to Saecourt	Oxfordshire County Council	WS Atkins & Oxford Transportation	United Kingdom	18.90	0.43	26/5/1998	14/9/1998

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Bulls Green Link Road	2.7km of single carriageway in flexible construction. Structures include 3 culverts and one underpass.	Somerset County Council	W S Atkins	United Kingdom	151.89	3.98	27/10/1997	10/9/1998
EPC Banoco 3# 18" dia Subsea Gas Pipeline. HIDD Bahrain. JV CNL & A A NASS	Engineering Procurement and Construction contract for triple 18" steel epoxy coated gas pipelines each 6,200 mtr long across HIDD harbour. Pipes laid in dredged trench in water depths up to 14 mtrs. Joint Venture Christiani & Nielsen Ltd 40% with A A Nas	Bahrain National Oil Co.	Christiani & Nielsen Ltd	Bahrain	819.60	20.49	28/9/1997	1/9/1998
Port of Mostyn Riverside Berth Development	Stage 1 in providing additional berthing facilities at Mostyn comprising construction of new sheet pile wall and land reclamation behind the wall using dredged material from the River Dee	Port of Mostyn Ltd	Bullens	United Kingdom	153.09	3.56	1/3/1998	30/8/1998
Liverpool Wastewater Treatment Advance Works	Construction of a sludge pumping station including all M&E equipment and associated pipeworks in preparation and establishment of the site for the main works.	North West Water Ltd	Bechtel Water Technology Ltd.	United Kingdom	106.20	2.83	16/12/1997	22/8/1998
Port of Mostyn Riverside Berth Development	Stage 1 in provision of additional berthing facilities at Mostyn comprising construction of new sheet pile wall and land reclamation behind wall using dredged fill material from the River Dee.	Port of Mostyn Ltd	Bullens	United Kingdom	145.80	3.88	1/3/1998	21/7/1998
Cabeltel Building	Design & Construction of a three storey building with frame, drainage and external works.	Celtic Gateway Ltd	Christiani & Nielsen Ltd	United Kingdom	223.50	6.38	1/6/1997	1/7/1998
Queen's Palace, Krabi	Design & Construction of the Queen's Palace, comprising 10 buildings with full M & E. Main Palace building 6,000 sq.m, Reception Hall 4,000 sq.m, 200 person capacity Banqueting Hall and Kitchen.	Crown Property Bureau	MLTD & Associates Ltd.	Thailand	408.00	16.00	17/7/1995	30/6/1998
Preveza-Action Crossing, Greece	Joint venture (50%--50%) design and construction of Preveza-Aktion Crossing and approaches 4,707 m long, 1,570 m total tunnel including cut and cover with 909 m immersed tube of 8 elements single bore road tunnel with 2 no. service buildings, administra	Ministry of Environment Planning and Public Works Hellenic Republic.	Christiani & Nielsen and Technical Company of General Constructions S/S	Greece	2,750.00	85.90	1/12/1994	25/6/1998
Single storey Jotun Warehouse and Office Extension.	New single storey steel framed warehouse 8,100m2 with ancilliary buildings and tank farm, gate house totalling 1934m2. Approx 1,400m2 office within an existing warehouse including new foundations comprising injection piling. Super flat floor finish. exte	Jotun (M) Sdn Bhd	SAB, TY Lin, SCA Consultancy Sdn Bhd and Christiani & Nielsen (M)	Malaysia	107.12	3.57	18/8/1997	17/6/1998
M40 J8, Wheatly Service Area Access	Providing access to Motorway Service Area in constructing 2 new slip roads from the M40, enlarging 2 existing roundabouts and re-alignment of other approach roads.	Higways Agency, Bedford	W S Atkins	United Kingdom	144.00	3.84	1/1/1998	1/6/1998
Asian Games - Main Stadium & Aquatic Centre	Design & Construction main 20,000 seat Athletics Stadium, back-of-house facilities of 49,000 m2 including F.F. & E, M & E including scoreboard, lighting, audio etc. Aquatic Centre with 6,000 seats Olympic Competition Pool 50x25x3.0 m; Diving Pool 33x25x	Ministry of Finance, Thai Government	Christiani & Nielsen / Philip Cox / Ove Arup	Thailand	940.00	37.60	10/10/1995	31/5/1998
Tuas Oil Unloading Jetty.	Tuas Oil Unloading Jetty comprising the construction of a steel piled jetty for unloading fuel oil for the Tuas 'A' Power Station. Tha contract includes provision of a mechanical and electrical systems, fire protection, cathodic protection and oil contain	Tuas Power PTE Ltd	Development Resources Pte	Singapore	490.00	16.17	1/10/1996	30/5/1998
Baan Piyasathorn, Bangkok	Construction of serviced apartment building 138 m. high overall including external works & infrastructure, piling, structural works and architectural works. Project comprises 1 No. basement level with wastewater treatment; 5 storey podium with car parking	Chainat Co., Ltd.	Palmer & Turner Architects	Thailand	336.49	8.85	2/8/1995	15/5/1998
Interchange Highway 338, Bangkok	Construction 1 Elevated Bridge 269 mtrs long; widen existing bridge from 11m to 24m; 2 new klong bridges; 5 elevated access ramps; 6 kilometres x 21m wide road at grade ; 475,030m3 earthworks; 65,300m3 sub-base, 132,500m2 asphalt concrete surfacing; 110,0	Dept of Highways Contract Khor Khor 0617/Phor 2.2/1386	Dept of Highways	Thailand	558.56	22.34	10/5/1996	29/4/1998

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Manchester Airport - Contract # 15.	Design & Construct 22000m2 new apron including drainage, lighting, alterations to fencing and remediation of existing taxiway	Manchester Airport Co Ltd	Christiani & Nielsen Ltd & George Hutchison Associates	United Kingdom	29.40	0.78	8/12/1997	26/4/1998
Civil & Marine works for Urea Export Terminal, Butterworth, Malaysia	Construction of 13,000m2 platform supported by approx 600No. spun concrete piles 40-45m long; dredging for access of 40,000m3; reclamation and surcharge of 20,000m3; construction of a 7mtr deep concrete structure within a cofferdam; strengthening works to	Mitsubishi Heavy Industries	Christiani & Nielsen Ltd	Malaysia	257.60	8.58	1/5/1997	31/3/1998
Ratchadapisek Property Corner	Design & Construction of 4 story reinforced concrete building with 4 mini theaters on the third floor.	Thai International Properties Development Co Ltd	Christiani & Neilsen /Robert G Boughey	Thailand	142.93	3.76	1/3/1997	31/3/1998
Merthyr Tydfil Western Relief Road and Rhyd-y-Car Link	2km long urban road scheme in flexible construction comprising 600m dual and 1,400m single carriageway, 1 roundabout and 6 at-grade junctions. Structures include 1 river crossing bridge and 10 retaining walls.	Merthyr Tydfil County Borough Council	Rendell Palmer & Tritton	United Kingdom	314.50	8.98	1/12/1996	31/3/1998
Clowne Sewage Treatment Works	Clowne Sewage Treatment Works asset renewal combined civil, mechanical and electrical contract. Construction of inlet works, primary settlement tanks and two biological filter beds and associated chambers, pipelines and siteworks. Design and installation	Severn Trent Water Ltd	Christiani & Nielsen Ltd.	United Kingdom	63.00	1.65	1/4/1997	30/3/1998
Greenwich Peninsula Works, Jetty Demolition	Demolition of 177m long x 14m wide jetty consisting of a timber deck on a steel/WI grillage sitting on 34 No. CI Caissons filled with concrete. Additional demolition of Hovercraft jetty and cooling water intake and outfall structure.	English Partnerships	W S Atkins	United Kingdom	59.76	1.59	24/11/1997	6/3/1998
Greenwich Jetty Demolition - Greenwich Peninsula	Demolition of a 177 m. long x 14m. Wide jetty comprising of a timber deck on steel/WI grillage sitting on 34 No. CI Caissons filled with concrete. In addition demolition of Hovercraft jetty and cooling water intake and outfall structure.	English Partnerships	WS Atkins	United Kingdom	62.74	1.45	24/11/1997	6/3/1998
A472 Mid Valleys Strategic Route	A472 Mid Valleys Strategic Route comprising pontymoile 0.75km new 7.3m wide carriageway; 0.2km new dual 7.3m carriageway; reconstruction of 0.6km existing highway. 20 structures including 1 underbridge, 3 cycle/footpath bridges, 1 pedestrian subway and 14	Gwent County Council		United Kingdom	475.00	15.67	1/3/1996	28/2/1998
Pontypridd Viaducts	Cleaning & refurbishment of masonry railway arch viaducts including all temporary works and scaffolding.	Rhondda Cynon Taff County BC	Glamorgan Engineering Consultancy	United Kingdom	17.60	0.58	3/10/1997	31/12/1997
Weaver Sluice Gates Replacement	Weaver sluice gates replacement of 8 sluice gates (Approx. 5.0 x 3.5m) including new cill beams, refurbishment of existing CI support beams and stone works. and associated M&E works.	British Waterways, NW Region	Lewin, Fryer & Partners	United Kingdom	24.00	0.68	1/3/1997	31/12/1997
Water Cliff Tower Phase I	Phase I of Water Cliff residential condominium for towers 1, 2 and 3. Construction comprise structural works for three 36 storey buildings with total floor area of 70,000 sq.m with full architectural plumbing, sanitary, electrical, communication and air	Thai Housing Development	TACE Ltd.	Thailand	705.00	28.20	15/3/1995	31/12/1997
Mersey Rail Loop Tunnel Drainage	Design & Construct of permanant dewatering scheme to lower the groundwater table below the tunnel invert. The works comprise 6 well points, rising mains, outfall, M&E equipment, and the subsiquent remedial grouting of 3km of the tunnel invert.	Railtrack Co Ltd	Christiani & Neilsen Ltd / Halcrow	United Kingdom	117.85	3.37	8/9/1997	18/12/1997
Wave Development Waste Water Tanks Structure	To construct waste water tanks around the perimeter of the site including slabs.	Wave Development Ltd	Christiani & Nielsen	Thailand	27.73	0.77	16/8/1997	16/12/1997
Langsuan Ville Condominiums	Fir-out and completion of superstructure built by PHT. M&E supervision.	Wave Development	Project Asia	Thailand	16.00	0.53	5/9/1997	5/12/1997

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Fiddes Factory and Offices, Cardiff	Factory and Offices on existing slab, Parts B&C to follow with internal division and fit out.	Fiddes & Sons		United Kingdom	30.50	0.87	1/6/1997	30/11/1997
Preveza Port Extension	Extension to existing harbour and quay walls and basin dressing.	Prefecture of Preveza, Greece		Greece	80.00	2.64	1/11/1995	30/11/1997
Regency One, Soi Mahatiek Luang 1, Bangkok	Design and Construction of 46-storey residential condominium and serviced apartment.	Regency One Co., Ltd.	Rider Hunt Levett & Bailey (Thailand) Ltd.	Thailand	975.00	39.00	1/9/1995	30/11/1997
Meyer Industries Screw Press Foundations	Construction of Foundations for two sets of screw press foundations 1 x 1,300 tonne capacity, 1 x 1,600 tonne capacity.	Meyer Industries Ltd	Christiani & Nielsen	Thailand	3.56	0.10	26/8/1997	26/11/1997
Renovation Bank of Thailand Wangtawet	Building extension and renovation.	Bank of Thailand	Design 110	Thailand	193.00	7.72	15/3/1997	15/11/1997
Electric Cable Factory.	To construct 4 concrete structures with steel roofs and roman tile sheet. Cable Plant 18,910m ² ; Enamelled Plant 6,048m ² ; Cu Plant - 1,457m ² ; Al Plant - 1,440m ² . Total area 27,855m ² .	Thai International Wire & Cable	Sala Engineering & Engineering Push	Thailand	108.00	4.17	20/3/1997	3/11/1997
Adani Port multi purpose jetties, Navinal Island	Special services agreements to provide Technical Knowhow; Expatriate Perrsonel; Specialist Equipment for the construction of Adani Port multi purpose jetties, Navinal Island.	Larsen & Toubro		India	61.00	2.01	1/4/1996	30/10/1997
Bang Saphan Jetty LTAT / Diethelm 50,000m ² Warehouse and Factory, Bukit Kemuning, Klang, Selangor	Design & construction of crude oil berth for 36,000 tonne deadweight vessels and naptha and asphalt berths for 4,750 tonne deadweight tankers, together with tug berths and 1.7km access trestle to the shore with railway pedestrian access and pipeway, inclu	Thai Bitumen Co Ltd	Christiani & Nielsen UK / Christiani & Nielsen Thai	Thailand	473.08	14.90	25/7/1997	25/10/1997
HMP Pentonville - A Wing Modernisation.	A Wing Modernisation of a Victorian Prison wing to provide 166 cells and ancillary rooms. Work includes new windows, doors and security metalwork.	HM Prison Service.	Stanley Peach & Partners	United Kingdom	113.00	3.73	1/11/1996	30/9/1997
JV Wohnpark Ahrensdorf	Construction of 317 residential unites in 29 apartment blocks, 32 double houses, 31 single houses and 48 terraced houses. The contract is divided into four phases with a total of 317 no. units.	Bovis Homes Grundstuck GmbH, Berlin	Architektburo Duane Phillips & Thomstone, Wintersgill and Faulkner	Germany	1,129.08	45.16	21/12/1994	25/9/1997
Oakwell Spine Road	3 Km. Single carriageway with three roundabouts in flexible constuction. Structures include a Contractor Designed footbridge and retaining wall.	Barnsley Metropolitan Borough Council	Client & Christiani & Nielsen	United Kingdom	256.41	5.96	30/12/1996	15/9/1997
Samitivej Hospital, Srinakarin Road, Bangkok	Construct private 400 bed teaching hospital building comprising piling, structure, M&E, 19 elevators, 3-level basement parking, 4-storey podium, 19-storey ward block tower and 12-storey nurses accommodation tower with total floor area 101.000 sq.m. inc. i	Samitivej Public Co., Ltd.	Architect 110 Co., Ltd.& E.K. Consultants Ltd.	Thailand	697.10	27.88	15/6/1993	31/8/1997
Barter Jetty, Southport, Malaysia	Refurbish existing minor facility and install 100 mtrs of new jetty. Construction : concrete piles, precast & insitu concrete deck.	LPK		Malaysia	110.00	4.40	25/2/1997	30/8/1997
Reconstruction of Mooring Dolphin, West Port, Klang, Selangor	Reconstruction of a piled mooring dolphin, 4 No. piled catwalk supports and 5 spans of catwalk deck which were demolished in a shipping collision.18 No. 800mm dia x 42m long piles; 130m ³ concrete; 10 No. precast beams.	Kelang Multi Terminal	Jurutera Konsultant (Semenanjung Sdn Bhd	Malaysia	25.29	0.84	2/5/1997	25/8/1997

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Hungerford Tunnels - Phase 3 Tunnel Strengthening	Tunnel strengthening on Bakerloo and Northern Lines. Works constructed in the River Thames to prevent flooding of existing tunnels by inadvertent breach of tunnel walls. Protective p.c. slabs on piled supports above Bakerloo Line. Protective p.c. slab on	London Underground Ltd	B Wareham & Howard Humphries	United Kingdom	1,160.00	46.40	1/2/1996	25/8/1997
Relocation of Passenger/Barge Jetty, South Port, Port Klang, Selangor	Barge jetty of 1,062m2 with insitu deck on precast units supported by spun concrete piles. Fish Distribution warehouse 790m2 single storey on piled foundation. Bakau loading bay 540m2 concrete deck supported by spun concrete piles. Passenger jetty of 138m	Asa Niaga Sdn Bhd	Minconsult Sdn Bhd,Engineers; DZJ & Assoc., Architects	Malaysia	112.85	3.76	17/2/1997	2/8/1997
All Seasons Place, Phases I, II & III, Bangkok	Project comprised 3 No. Towers:- Phase I - 34 storey Condominium 130 m. high overall comprising 7-storey podium, 28-storey condominiums with total area 55,950 sq. m. Phase II & III - 2 identical 28-storey 140 m. high overall office towers each with area	All Seasons Property Co., Ltd.	Rider Hunt Levett & Bailey (Thailand) Ltd.	Thailand	859.49	22.61	3/8/1994	31/7/1997
Cumbria Coast Defences Protection Construction	Cumbria Coast Defences Protection structural construction and refurbishment work to existing coastal defences and revetments in close proximity to a live railway line, comprising excavations and placement of geotextile matting, gabion protection, 70,000 t	Railtrack PLC	Bullen Consultants	United Kingdom	450.00	14.85	1/9/1996	30/7/1997
Piling & Foundations, GM/Opel Motor Plant A470 Pentrebach - Cefn Coed Improvement	Contract # 2 piling and foundation works with 5,057 No. 400mm square precast piles; 798 No. 600mm dia. spun concrete piles; 6,092m3 concrete pile caps and edge beams; 7,034m3 concrete in press pit structures. (Contract #1 ID 1785; Contract #3 ID 1808)	General Motors / Opel	Ove Arup/Morris & Knudsen	Thailand	173.50	6.94	11/12/1996	25/7/1997
Contract 2. Main works Swansea - Cefn Coed.	Main works Swansea - Cefn Coed 3.6km dual carriageway; 2 major roundabouts; 2 viaducts - 1 no. 200m long and 18m high in five spans, 1 no. 190m long and 27m high each with two lane carriageway; 1 subway, 3 retaining walls, 7 major culverts. Main quantitie	Welsh Office		United Kingdom	785.00	25.90	1/11/1994	17/7/1997
115kv Overhead transmission lines, Chiang Rai - Thoeng.	Supply of steel towers, insulators and fittings. Installation of foundations, erection of steel towers and stringing f conductors for 95 route kms of 115 kv transmission line at Chiang Rai. Undertaken by Christiani AMEC.	EGAT	EGAT	Thailand	74.50	2.98	1/11/1995	1/7/1997
GPIC Urea Plant Terminal - Marine Civils	Design & Construction of a jetty structure comprising a loading platform, 2 mooring dolphins, all supported on piles and piled trestles to support mechanical conveyor 2,770m long. The Contract also includes dredging the sea bed area adjacent to the jetty	Mitsubishi Heavy Industries Co	Christiani & Nielsen Ltd	Bahrain	354.50	11.70	1/1/1996	30/6/1997
Site preparation works for new Asphalt Refinery Project at Bang Saphan	Site preparation contract including 125,000m2 clearing and grubbing; 140,000m3 excavation; 100,000m3 fill; 50,000m3 imported fill; 1,100 lineal metres 1,200mm dia culverts; 2,000 metres x 6 metres x 300mm sub bare road.	Thai Bitumen Company	Bechtel International Ltd	Thailand	25.50	1.10	11/3/1997	30/6/1997
A50 Blythe Bridge to Queensway, Phase 1B, Stoke-on-Trent, Staffordshire.	2.6 km dual 2 lane carriageway plus extensive side roads C.R.C.R. to main carriageway. 950 m reinforced concrete trough structure, 4 No. road bridges, 5 No. foot bridges and 9 No. retaining/screen walls. Project undertaken by Christiani Kier Joint Ventur	Department of Transport	Staffordshire County Council/Scott Wilson & Kirkpatrick	United Kingdom	1,136.00	45.44	28/2/1994	27/6/1997
Waste Water Treatment Plant for Paper Mill.	Reinforced concrete structure up to 20mtrs high for wastewater treatment works # 2, Prachinburi. Circular clarifier plant for Pulp & Paper Mill	Advanced Agro Co Ltd	Christiani & Nielsen	Thailand	38.00	1.52	15/10/1996	15/6/1997
Sai Jai Thai Building	1 office building 3 stories, 2 residential buildings each of 4 stories.	Royal Princess Foundation	49 Engineering Consultants	Thailand	192.30	6.73	5/5/1995	13/6/1997

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Mekong Harcota Serviced Apartments.	142 serviced apartments, HCMC, in 3 x 12 story buildings with one basement level 5 metres deep, comprising 165 units 85-180m2 each. Site 7,600m2 with gross floor area 24,000m2. Development include pool, tennis and day care/playschool centre.	Mekong Harcota Co Ltd.	RDC Architects Pte Ltd	Vietnam	800.00	20.00	12/10/1995	11/6/1997
Shipston-on-Stour Sewage Treatment Works Improvement.	Construction of 4,500m2 reed beds and a new inlet works extension including associated pipeline chambers.	Severn Trent Water Authority		United Kingdom	50.00	1.65	1/1/1997	1/6/1997
A69 DBFO Haltwhistle By-pass	Design Build Finance and Operate (DBFO) road project comprising 3.7Km single carriageway road crossing River South Tyne with two 80m. span river bridges and one 230m. span viaduct over Newcastle-Carlisle railway. Main quantities included over 1 million cu	Roadlink (JV Partners Christiani & Nielsen, Henry Boot, Morrisons, Impregilo, ASTM-SINA)	Pell Frischmann Consultants	United Kingdom	688.00	26.40	1/4/1996	30/5/1997
Chancery Building Extension	Construction of a basement and conference rooms, two new offices, reinforcement to an existing adjacent building.	Embassy of Switzerland.	Christiani & Nielsen	Thailand	5.28	0.21	24/1/1997	24/5/1997
Standard Can Factory, Saraburi.	Design & Construct 35,600m2 aluminium can factory, comprising 13,100m2 process area; 20,600m2 warehousing; 1,900m2 office. RCC flat slab on pcc piles, steel portal framework; metal cladding; full M&E spec including a/c, fire protection, waste water treatm	Standard Can Co Ltd	Christiani & Nielsen	Thailand	400.00	16.00	1/3/1996	30/4/1997
Laemthong Apartment, Phyathai, Bangkok	22 storey of office and residential building. Total floor area of approximately 30,000 sq.m.	H.G. Development Co., Ltd.	PAC Consultant Co., Ltd.	Thailand	152.34	6.09	15/9/1995	6/4/1997
ICI Puts Centre & Office.	1,000m2 2 story RCC building with full M&E services.	ICI Paints Thailand	Christiani & Nielsen & IT International	Thailand	20.70	0.83	30/10/1996	30/3/1997
Site Preparation & Earthworks for GM/Opel Motor Plant	Site preparation & earthworks 481,100m2; 536,977m3 excavation and cut; 448,000m2 fill; import 12,800m3 crushed rock; chainlink fencing for temporary security 2,300 lineal metres; 600 metres drainage ditches. (Contract #2 ID 1783; Contract #3 ID 1808)	General Motors / Opel	Ove Arup	Thailand	36.90	1.48	8/11/1996	30/3/1997
Dubai Deira Sweage Rehabilitation Phase 2&3	JV with Lilly International. Construction of 22,600 m. new pipeline including 1,600 m by 'No Dig' methods. Upsizing by bursting 1,500 m. Reline 3,700 m. Cleaning and renovation 7,000 m pipe. (See ID 1693 for Phase 1)	Dubai Municipality, Drainage and Irrigation Dept.	Watson & Hawksley	Dubai	296.00	11.84	15/3/1995	15/3/1997
Olic Factory, Bang Pa-In	Design & Construct of a 24,000m2 R.C. structure Pharmaceutical Factory. Works also include a 2 storey office accommodation building; Class 1,000 and 10,000 Clean Rooms with controlled environments; all M&E systems; canteen; car parking and landscaping et	Olic (Thailand) Ltd.	Christiani & Nielsen / RMJM / SGS	Thailand	370.00	14.80	30/8/1995	15/3/1997
T.I.T. Tower: Wat Pai Ngem	26 storey building, civil and structural works, architectural works, M&E and sewage treatment plant. Total area of 16,000 sq.m.	T.I.T. Tower Co., Ltd.	Process Architect Planner Co., Ltd. / PDC	Thailand	134.30	5.37	15/7/1995	14/3/1997
Hérons Quay Footbridge	Hérons Quay Footbridge 150m cable stayed structural steel footbridge across West India Dock South. The 30m high cable stay pilons stand on tubular piles in the dock and one half of the bridge is able to rotate to facilitate the passage of vessels.	London Docklands Development Corp.		United Kingdom	128.50	4.24	1/11/1995	28/2/1997
Dry Bulk Ship Loading Facility, Pulau Indah, West Port Phase III, Klang	Design and construction of a conveyor load out/in facility for dry bulk materials comprising 1,600 mtrs of conveyor structure, 4 No. 9-storey transfer towers up to 35m high. Works included driving 45 m deep x 500mm dia piles, pre-cast & insitu concrete, 1	Kelang Multi Terminal Sdn Bhd	Christiani & Nielsen with HSSI and GEM	Malaysia	270.00	10.80	15/8/1996	28/2/1997

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Mechanical & Electrical Works for West Port Phase III, Klang	Full M&E works for the new Phase III Port Expansion.	KMT Sdn Bhd	HSSI	Malaysia	40.00	1.60	30/1/1996	30/1/1997
Port Expansion at West Port, Phase III, Pulau Lumut	Construction and completion of 600 m. of container quay.	Kelang Multi Terminal	HSS Integrated Sdn. Bhd.	Malaysia	860.00	34.40	24/7/1995	23/1/1997
BMA Waste Water Treatment - Stage 1	Elevated channel brings effluent from pumping station across Mitmaitree Road to 4 Aeration tanks of 95,000 cu.m. capacity with 7.8 metre water depth built as reinforced concrete structure seated on piled foundation with a post-tensioned based slab. Above	Main Contractor: Noss Consortium / Owner: BMA	Noss Consortium including North West Water, UK, Ove Arup.	Thailand	684.80	18.02	13/3/1995	13/1/1997
Thai Dairies (Building package), Bang Pa-In, Ayuthaya (2/2)	Design and construction 35,400m2 dairy plant on a new 72 Rai site to accommodate the relocation and expansion. Project comprises 8,000m2 process area; 19,000m2 warehouse; 750m2 mezzanine level laboratory and office; 750m2 administration offices; 900m2 ame	The Thai Dairy Industry Co., Ltd.	Christiani & Nielsen & Lend Lease	Thailand	791.60	31.66	1/9/1995	3/1/1997
115 & 22kv substations, Lao PDR.	Design, supply, install & commission 1 x 115/22kv substation at Pakbo, 1 x 22kv substation at Pakxan, plus substation extensions at Nake, Thakek and Pakse. Substations located on banks of Mekong River. Undertaken by Christiani AMEC joint venture.	Electricite Du Laos	Electricite Du Laos	Laos	79.48	3.17	1/7/1995	1/1/1997
Hamshall Roadworks, River Thame	Hamshall Roadworks, River Thame underbridge 35m span. RC foundations on bored piles, composite steel deck. Sidings rail underbridge 13m skew span, rc foundations, pc deck beams.	Powergen PLC		United Kingdom	79.50	2.62	1/4/1996	31/12/1996
Sutton-in-Ashfield Sewage Treatment Works.	Sutton-in-Ashfield Sewage Treatment Works Contract 2: effluent quality improvement, sludge balancing and screening; primary tanks auto de-sludging; storm flow retention; modernisation to pumping plant; activated sludge plant; tertiary treatment plant; act	Severn Trent Water Ltd	Severn Trent Water Ltd	United Kingdom	111.50	3.68	1/11/1996	31/12/1996
Offshore Tide & Meteorological Station Structural Works.	Offshore Meteorological Station structural works comprising the sinking of 1 x 12.00m dia. pile 31m long with fixed access walkway platform in an offshore location approx. 4km south of Littlehampton, West Sussex.	Arun District Council	Posford & Duviver	United Kingdom	5.00	0.14	1/11/1996	31/12/1996
Wells Relief Road.	Semi-rural, 4 km single carriageway, 2 km side road, 1 roundabout, and 6 junctions in flexible construction. 2 underpasses, 1 Accom. bridge, 2 footbridges, 3 culverts.	Somerset County Council		United Kingdom	184.00	7.36	3/7/1995	30/12/1996
A550 Deeside Park Interchange.	Design & construct of grade separated interchange on A550 to Deeside Link Road comprising 1.8km dual 2-lane carriageway, 1.2km. 2 No 2-span portal bridges (43m span) and 1 No 50m long underpass.	Welsh Office	CNL	United Kingdom	400.80	16.03	10/7/1995	19/12/1996
Visa Office Expansion	Design & Construct 2 story visa office extension with a total floor area of 672m2.	British Embassy	Christiani & Nielsen & RMJM.	Thailand	12.00	0.48	17/6/1996	17/12/1996
Bayer Head Office, North Sathorn Road	Piling, civil, architectural and M&E works for a 5-storey office block. (Approx. total floor area 9,275 sq.m.)	Bayer Thai Company Limited	Meinhardt / RMJM	Thailand	156.43	6.26	2/10/1995	1/12/1996
115kv substation, Thoeng, Thailand.	Design, supply, install & commission 115kv substation. Undertaken by Christiani AMEC.	Electricity Generating Authority of Thailand (EGAT)	EGAT	Thailand	25.00	1.00	1/7/1995	1/12/1996
Klaeng 1 Plant Factory	Extension to Glass Block Factory.	Bangkok Glass Industry	Civil Design	Thailand	93.24	3.72	1/3/1996	30/11/1996
Dusita Ploenchit, Soi Nai Lert, Bangkok	Construction of 17 storey residential building (excluding basement), medium quality architectural finishes, total floor area 9,600 sq.m.	S.P. Hiway Building Co., Ltd.	B.M.A., U.K. Thai	Thailand	82.75	2.17	1/8/1995	1/11/1996

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I.C.I. Warehouse, Bangpoo, Bangpoo Industrial Estate	Design and construct of a 2,000 sq.m chemical warehouse with 32 sq.m internal offices, built adjacent to the existing factory.	I.C.I. Asiatic Chemical Co., Ltd.	Christiani & Nielsen / RMJM	Thailand	20.39	0.82	1/7/1995	31/10/1996
Singapore Submarine Pipelines	Singapore Submarine Pipelines comprising construction of 2 x 711mm dia. submarine pipelines from Penjuru Road to Pulau Seraya. Supply, stringing, launching and install in one bundle twin 711mm OD steel lined and coated pipelines approx. 2,000m long across	Public Utilities Board, Singapore Water Dept.	Kvaerner & RJ Brown Consortium	Singapore	333.50	11.01	12/4/1995	30/10/1996
Pontypridd Inner Relief Road, Mid Glamorgan.	Civil, construction, urban, including a new grade separated interchange with 2 bridges and retaining walls, a 3 span composite bridge across the River Taff, 5 km new/reconstructed roadway, 1.5 km reinforced earth walls and computerised traffic control sys	Mid Glamorgan County Council	Sir Alexander Gibb & Partners	United Kingdom	454.00	18.16	13/9/1993	28/10/1996
Chalerm Phra Kiat Building for the Siam Society at Bangkok.	Detail Design & Construction of 5-storey building, adjoining existing library built by CNT in 1960, to commemorate 50 years reign of His Majesty the King. Includes reception rooms, lecture theatre, reading and meeting rooms, exhibition facilities etc.	The Siam Society	Habita Architects	Thailand	32.50	1.30	9/1/1995	28/10/1996
HMP Lewes C&G Wings Refurbishment, Midlands	External fabric renovation, roof renewal and window replacement, refurbishment of cells, new walkways and stairs, mechanical and electrical, external works and drainage.	HM Prison Service	Galbraith Hunt & Pennington (Struct) McLellan & Partners (M&E)	United Kingdom	131.60	5.26	23/10/1995	21/10/1996
Makro Ubon Ratchathani	New Makro store.	Siam Makro pcl.	Chatchewal de Wager Int'l Ltd.	Thailand	140.00	5.60	1/5/1996	15/10/1996
Sri Siam Paper Factory, Sampran	Construction of 7 buildings, comprising 4 storey Paper Machinery Building, 2 storey Stock Wave, 1 storey Repulping, 2 storey Bale Warehouse, 2 storey Chemical Plant, 3 storey Adhesive & Coating Kitchen	Siam Paper Co., Ltd.		Thailand	199.95	8.00	1/12/1995	30/9/1996
Site Preparation for U Tapo Heavy Aircraft Service Depot.	Land fill and site preparation for the aircraft hanger on a 160,000m2 site.	Thai Airways.	Thai Airways / SEATECH	Thailand	23.00	0.92	13/6/1996	30/9/1996
Lotus Super Centre, Saraburi	Construction of new two storey superstore 18,000m2 warehouse; 19,000m2 car park; reinforced concrete road.	Ek-Chai Distribution System Co., Ltd.	J Plus Engineering; Forum Architect.	Thailand	186.90	7.48	1/1/1996	30/9/1996
Laemthong Apartment	22 story office tower with a total floor area of 30,000m2.	HG Development Co	PAC Consultants	Thailand	152.34	6.09	6/6/1995	18/9/1996
Gustav-Adolph Strasse	Construction of 5 storey building plus attic, with 1 basement. Ground floor as shops (136 sq.m.) and offices (200 sq.m.), upper floors and attic as residential (1501 sq.m.).	Generalbau Linnenlucke	Linnenlucke & Partner	Germany	105.00	4.20	1/8/1995	1/9/1996
Bangkok Patana High School, Phase III, Soi La Salle, Bangkok	2 Story extension to existing building (2,000 m2), enclose corridors and stairwells with curtain walling and air condition to space, upgrade of electrical services.	Bangkok Patana School Foundation	Christiani & Nielsen, SH Architects.	Thailand	40.00	1.60	1/2/1996	31/8/1996
Deeside Road Link.	2.2 km additional second carriageway in flexible construction. Widening of 2, single carriageway road, over rail bridges to dual carriageway road by construction of additional pre-stressed beams with in-situ decl.	Clwyd County Council		United Kingdom	63.20	2.52	30/10/1995	26/8/1996
Paper Mill No. 2, Thathoom - Prachinburi	Construction of heavy civil work and structural steelwork building frame for Power Generation Plant.	Advance Paper Co., Ltd.	JAAKKO POYRY / Civil Design / SEATEC	Thailand	100.00	4.00	15/11/1995	15/8/1996
Makro Bangbon (Extension)	Extension of an existing Makro Store	Siam Makro PCL	Chatchewal de Wager Int'l Ltd.	Thailand	48.37	1.93	4/3/1996	15/8/1996

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115kv / 22kv Lines Trans-Mekong River Crossings.	Supply & construct 22/115kv transmission lines over Mekong River between Thailand & Lao PDR. 115kv Mukdanan - Savannakhet, 22kv Nakhorn Phanom - Thakek, 22kv Bung kan-Pakxan. River crossing structures will be 150m high & crossing spans 1.4 kms. Undertak	EGAT + Electricite Du Laos	EGAT	Thailand	52.00	2.08	1/8/1995	1/8/1996
AMD Plant Expansion, Changwattana	To construct: Development Centre 4,000 m2; Expansion Building 1,620 m2; Garbage and Scrap House 180 m2. Total floor area 5,800 m2.	AMD (Thailand) Ltd.	Design 103	Thailand	75.00	3.00	1/12/1995	31/7/1996
S & B Office Building, Bangkok	Construction of 11 storey and 1 basement office building. Total area approx. 13,500 sq.m.	S & B Land and House		Thailand	76.00	3.04	1/4/1995	31/7/1996
HMP Long Lartin, Midlands.	Refurbishment and re-roofing of existing A&B wing blocks, upgrading security measures to cells including replacement windows and grills. M&E installations also included.	HM Prison Service		United Kingdom	50.80	2.03	10/7/1995	29/7/1996
Baan Busarin, Bang Yai	Construction of 2-storey townhouses including structural, architectural, M&E. Housing units of the following sizes 6m wide x 778 units; 7m wide x 252 units.	Land & Houses PCL.		Thailand	508.73	20.34	1/2/1995	1/7/1996
S&B Building	Construction of an 11 storey plus 1 basement level Office building with total area of 13,500m2. Excluding elevators, piling, Curtain walls.	S&B Land & House	Christiani & Nielsen	Thailand	82.83	3.31	1/4/1995	1/7/1996
R19 Oldbury & A4123 Viaducts, Midlands.	Concrete repairs and installation of cathodic protection systems to concrete cross-beams supporting the M5 motorway and slip roads. Installation of new bearings and web stiffeners to main beams.	Department of Transport	W.S. Atkins	United Kingdom	43.20	1.73	10/11/1992	1/7/1996
Centre Point 4, Lang Suan Soi 1, Bangkok	Design & Construct 24-level serviced apartment building (approx. 30,000 sq.m.) complete including Piling, Foundations, Structural, Architectural, M & E, External Works & Landscaping.	Quality House PCL.	Christiani & Nielsen/Projects Asia	Thailand	229.38	9.17	10/11/1994	30/6/1996
Manchester Airport Stage 1.	Removal of pcc panels and road fittings in the east; renovation of pcc panels and road fittings, relocating business lounge, erection of crash decks.	Manchester Airport PLC		United Kingdom	12.50	0.41	1/4/1996	30/6/1996
Waste Water Treatment Plant, Thai Dairy, Bang Pa Inn.	Civil and Concrete works for a new treatment plant. Built with Microsep Design and Process Engineering.	Thai Dairy Co Ltd/ CN Lend Lease	Christiani & Nielsen	Thailand	5.31	0.21	1/3/1996	30/6/1996
Techapaibun Building at Silom Road, Bangkok	Structural, Architectural, Finishing (including curtain wall), Electrical, Air Conditioning and Sanitary Works to Office Building Comprising 21 No. Floors with a Roof Deck and a 1-level basement. Total floor area 53,225m2. (Piling Works excluded).	Techapaibun Co., Ltd.	K.C.S. and Associates Co., Ltd.	Thailand	375.00	15.00	1/8/1994	21/6/1996
Baan Busarin, Bang Plee, Samutprakarn	Construction of 2-storey townhouses including structural, architectural, M&E. Housing units of the following sizes 6m wide x 596 units; 7m wide x 166 units.	Land & Houses PCL.		Thailand	395.00	15.80	1/4/1995	1/6/1996
Thai Lube Base, Chonburi	To build an office and supporting facilities building completely with their facilities and utilities in the total area of approx. 9,212 sq.m.	Thai Lube Base Co., Ltd.	SQ Architects and Planners Co., Ltd.	Thailand	164.66	6.58	1/6/1995	31/5/1996
SRS Roadworks & Civils, Lopburi	Road works, Wastewater Treatment Plant, Sanitary & Pipe System, Electrical System, Waste Burning Plant.	S.R.S Real Estate Co., Ltd.	P.K.T. Engineering Service Co., Ltd.	Thailand	118.00	4.72	29/5/1995	30/5/1996
Makro Warehouse, Suratthani	Construction of Cash and Carry store at Suratthani.	Siam Makro PCL	Chatawal de Wager	Thailand	132.29	5.29	2/1/1996	30/5/1996
Makro Royal City Avenue	Construction of Makro Office Centre	Narairuamphipat Co., Ltd.	Chatchawal de Wager	Thailand	26.19	1.05	2/1/1996	15/5/1996
HMP The Mount.	Fit out (Phase II) to the engineering workshop within existing building shell comprising division wall, plant rooms, mezzanine floor, offices and toilets and M&E services.	HM Prison Service	T.P. Engineering Services (M&E)	United Kingdom	29.77	1.19	4/12/1995	6/5/1996
Ice Cream Factory, Samutsakorn	Design & Construct a 5,000 sq.m Ice Cream Factory comprising 5,000m2 Factory & Warehouse; 380m2 utility building; 1,000m2 admin building; 2,800m2 accommodation building.	Key International Food Ltd.	Christiani & Nielsen / RMJM / Dunning Thornton / Intertec Thai	Thailand	40.80	1.63	1/10/1995	1/5/1996

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
ESSO Dolphin Bollard	Design & construct (D&C) of 1 No. steel dolphin on 6 No. tubular steel piles. Removal of 2 No. existing Dolphins & D&C 2 new walkways. Construction of 1 No. R.C. mooring bollard. Supply 6 No. rubber fenders & design & supply Cathodic protection system.	ESSO Standard Thailand Limited.	Christiani & Nielsen	Thailand	15.74	0.63	1/10/1995	1/5/1996
Windmill Private Residence (1/2), Bangna-Trad, Samutprakarn.	Construction of two 2-stories residential houses of approx. 40 x 30m and 25x34m.	Khun Tevee Jiarravanond	Actec	Thailand	75.00	3.00	21/11/1994	20/4/1996
GSS/ARRAY Factory, Ayuthaya	To build a electronics assembly factory building in two levels with an attached two storey building comprising canteen, toilet, locker, containing approximately 21,650 sq.m. gross floor area. All external works roads and landscape.	GSS Array Technology Public Co., Ltd.	Asset Management Group	Thailand	271.79	10.84	3/7/1995	13/4/1996
Makro Office Centre - Sinthorn Building, Bangkok	Refurbishment of existing and construction of Makro Office Centre	Siam Makro PCL	Chatchewal de Wager Int'l Ltd.	Thailand	2.50	0.10	14/2/1996	5/4/1996
Windmill Private Residence Additional (2/2)	Additional works to Residence constructed by CNT.	Khun Tevee Jiarravanond	Actec	Thailand	25.00	1.00	1/7/1995	1/4/1996
Reconstruction of Hounslow River Bridge.	Single span bridge over River longford comprising PC deck beams and RC abutment on bored concrete piles	London Borough Of Hounslow		United Kingdom	25.00	0.83	1/11/1994	30/3/1996
Bank of Thailand, Renovation of BOT Branch, Surawong, Bangkok	Renovation of facilities for BOT Surawong branch: wooden bridge, document exchange room, guard room, roof-office, sheet pile work, sewage water tank and disposal of materials.	Bank of Thailand Sorrhan International Co., Ltd.	Chira Silapakanok	Thailand	13.55	0.54	24/3/1995	23/3/1996
Han Residential Complex, Bangkok	A residential area consist of a group of house, swimming pool garage.		Zenith Development Consultants Ltd.	Thailand	46.60	1.86	1/6/1995	29/2/1996
Baan Busarin - Infrastructure, Thonburirom Project, Pracha Utit Road - Samutprakarn.	Lump sum price for the design and construction of the infrastructure at Baan Busarin.	Land & Houses PCL	Projects Asia Limited	Thailand	37.71	1.51	1/5/1995	29/2/1996
Makro Warehouse, Khon Kaen	Construction of Makro Cash & Carry Store including infrastructure, car parks, landscape etc.	Siam Makro PCL	Chuchawal De Weger International Ltd.	Thailand	148.85	5.55	10/10/1995	29/2/1996
Dubai Sewerage Rehabilitation Phase 1 Deira Part A.	Joint Venture with Lilly International. New sewerage pipelines and manhole construction through urban area total 7,160 lm. 100 mm dia.up to 900 mm dia. including 1,050 lm by No Dig methods. Rehabilitation of 10,287 lm of sewers and 260 house connections.	Dubai Municipality Drainage & Irrigation Department	Watson & Hawksley	Dubai	75.20	3.01	23/7/1994	24/2/1996
Makro Office Centre, United Centre, Silom	Refurbishment of existing and construction of Makro Office Centre	Siam Makro PCL	Chatchewal de Wager	Thailand	5.98	0.24	8/12/1995	24/2/1996
Access Road to Queen's Palace, Krabi	Construction of 2 routes of Road to Royal Palace Ban Klong Muang Ban Aow Siew - Lam Hang Nak, Krabi. Lower Road - dist. 3.5 km., carriageway 5 m. width, no shoulder. KM 0+000 - 3+500, 5 cm asphaltic concrete surface with 1 EA concrete bridge slab type w	Public Works Authority Contract Nos 460/2538: 461/2538		Thailand	24.54	0.98	27/3/1995	16/2/1996

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Makro Head Office Refurbishment	Refurbish Makro Head Office, Ladprao.	Siam Makro PCL	Chuchawal De Weger International Ltd.	Thailand	21.00	0.84	15/9/1995	15/2/1996
Wanavit Warehouse	Construction of new warehouse 13,440m2 with separate canteen, guardhouse, security fence, pavement. Including full M&E, fire protection and communications.	Wanavit manufacturing Co Ltd		Thailand	121.29	4.85	1/4/1995	15/2/1996
Baan Patumwan, Phayathai Road, Bangkok	Construct & part re-design of 31-storey apartment building with 1-level basement (total floor area 22,783 sq.m.) including Swimming Pool, Guard House, Waste Water treatment works, underground water tank, roads and site drainage. Structural, architectural	Quality House Public Co., Ltd.	Project Asia Limited/ Real Estate Planning Consultants Co., Ltd.	Thailand	160.86	6.43	16/8/1994	14/2/1996
M5 Western Arm, Midland links motorway viaducts.	Works to 2.35 km dual carriageway of M5 Western Spur comprising traffic safety & management, reconstruction of flexible surfacing, concrete repairs and cathodic protection system to deck and 4 no. crossbeams.	Department of Transport	WS Atkins	United Kingdom	227.60	9.10	24/4/1994	11/2/1996
QCP Water Treatment, Chachoengsao	Upgrading of Raw Water and Waste Water Treatment Installation Phase II for "QCP", miscellaneous works.	Quality Coffee Products Ltd.	Chuchawal-de Weger Int'l Ltd	Thailand	7.08	0.28	1/11/1995	10/2/1996
Van Leeuwen Tube Warehouse, Chonburi	Design & Construction of: Steel Warehouse of 2,900 sq.m.. Single storey office block of 400 sq.m.. Including all M & E Service Installations.	Van Leeuwen Pipe & Tube (Thailand) Ltd.	Christiani & Nielsen	Thailand	29.00	1.16	14/7/1995	3/2/1996
Dronfield Community School Technical Centre	Extensive site clearance, erection of new school building, part single storey, part two storey of 3,260m2 total floor area in traditional construction. External works comprising retaining walls, pavings and drainage.	Derbyshire County Council		United Kingdom	145.00	4.79	1/11/1994	2/2/1996
Samitivej Hospital, Bangkok	Extensions and additional works to new private hospital building which comprises 3-level basement parking, 4-storey podium, 19-storey ward block tower and 12-storey nurses accommodation tower (total floor area 101.000 sq.m. approx. including architectural	Samitivej Hospital	E.K. Consultant Co., Ltd. / Architect 110 Co., Ltd.	Thailand	275.00	11.00	1/8/1995	1/2/1996
Harnhill Reinstatement	Harnhill Reinstatement - construction of a 1.0m thick clay cap and 0.5m thick subsoil protection layer to an area of landfill and associated SW drainage.	Avon County Council		United Kingdom	15.00	0.50	1/10/1995	30/1/1996
Dronfield School.	Derbyshire's largest secondary school, the new centre will provide laboratories, workshops and canteen for the 1000 strong school. Construction comprises of extensive site clearance, erection of new school building, part single storey, part two storey of	Derbyshire County Council		United Kingdom	112.00	4.48	21/11/1994	29/1/1996
Bangkok Crystal Factory, Rayong	Construction of Production building, Office, Canteen, Raw Material Storage buildings, M & E works, Sanitary system and waste water treatment.	Bangkok Crystal Co., Ltd.	Visanucum Engineering Consultant Co., Ltd.	Thailand	81.00	3.24	24/7/1995	22/1/1996
Weston-Super-Mare Primary Distributor Road, Stages IVB, VC and VD.	Dualling of 1 km of single carriageway, 5 kms new dual carriageway on imported fill embankments. Two roundabouts and two subways. Extensive culverting and drainage works.	Avon County Council	Avon County Council	United Kingdom	229.20	9.16	10/1/1994	8/1/1996
Thai Glass Block, Rayong	Construction of a Glass Block Factory	Bangkok Glass Industry Co., Ltd.		Thailand	95.60	3.84	1/7/1995	1/1/1996
Makro Warehouse, Pitsanulok	Construction of Makro Pitsanulok Cash & Carry Store	Siam Makro PCL	Chuchawal De Weger International Ltd.	Thailand	135.94	5.06	1/9/1995	1/1/1996

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Hultschiner Damm Commercial/Residential Development	Construction of 2-storey & attic building, cellar under part of building. Ground floors as commercial space (bank), upper floors and attic as residential.	Stempel & Grobe Gbr.	Architektabteilung J Duchrow	Germany	71.50	2.86	17/2/1995	31/12/1995
The Chalerm Phra Kiat Building, Asoke Road, Bangkok	The building is 5 storey of total 2,370 m2 and adjoined to existing building to make total 3,000 m2 (no basement).	Siam Society		Thailand			15/7/1994	31/12/1995
Lake Side Villa 2, Bangna	Civil, Architectural, M & E Works for a private house. House (renovation only) 280 sq.m.. Staff house 78 sq.m. Swimming pool 36 sq.m..	Vitesse Co., Ltd.	Christiani & Nielsen/Leigh & Orange (Thailand) Ltd.	Thailand	7.92	0.31	1/7/1995	31/12/1995
Thai Amarit Brewery (Extension), Patum Thani (2/2)	To build superstructure, architecture trades, sanitary system, canteen & locker, administration building, guest hall, single house A, town house, single house B, footpath, M&E system.	Thai Amarit Brewery Ltd.	Sala & Associates Ltd.	Thailand	76.06	3.04	1/6/1995	31/12/1995
Plubpla Compound Fence, Pracha-U-Thit Road	Construction of fence and concrete road pavement	Crown Property Bureau		Thailand	2.95	0.11	15/10/1995	30/12/1995
Saladaeng Colonnade, Soi Saladaeng, Bangkok	Construct of the luxury apartment. Reinforced concrete building with 3-level basement and 7 floor. Total floor area approx. 13,300 sq.m.	OMAC Limited		Thailand	135.51	5.40	14/10/1994	29/12/1995
Lumpini Police Accommodation	Design & construct 2 storeys accommodation unit for Lumpini Police Station, Bangkok.		Christiani & Nielsen	Thailand	0.65	0.03	16/9/1995	29/12/1995
Float Glass Plant, Rayong	Earthworks and site preparation for the new float Glass Plant	Siam Guardian Glass (Rayong) Co., Ltd.	DEC	Thailand	10.00	0.40	23/10/1995	22/12/1995
City Park Complex, Bangna-Trad	Construction of structure, architecture, sanitary system and infrastructure of the project.	M. Thai Industrial Estates Co., Ltd. /J.C. St. Louis Ltd.	Project Development Consultant	Thailand	74.74	2.99	1/5/1995	5/12/1995
Makro Bangbon (Baker Room)	Construction of bakery room	Siam Makro PCL.	Chuchawal-de Weger	Thailand	0.59	0.02	1/11/1995	5/12/1995
STAR Petroleum Refinery Buildings, Rayong	Design & construct structural, architectural & M&E works of more than 50 no. buildings including Central Control Building, Laboratory, Maintenance/Warehouse, 11 No. substations, 7 No. Operator Shelters & 43 No. small buildings. Total area of buildings 16	JGC Corporation	Christiani & Neilsen	Thailand	268.25	10.73	1/2/1994	1/12/1995
Baan Busarin, Pracha-utit	Construct of 2-storey town house for foundation, Architectural, Structural, Electrical and Sanitary work of the following size: 6m wide x 455 units and 6.5m wide x 118 units.	Land & House PCL		Thailand	283.18	11.32	1/12/1994	1/12/1995
Resort Hotel at Prachinburi, Additional (2/2)	Additional works to Hotel constructed by CNT.	Land Measurement Co., Ltd.	Civil Design Co., Ltd. / Urban Architect Co., Ltd.	Thailand	120.00	6.00	1/7/1995	1/12/1995
Makro Srinakarin Waste Water Treatment	Construction works of relocation of waste water treatment plant. Construction of retaining wall and asphaltic parking pavement.	Siam Makro PCL	Chuchawal De Weger International Ltd.	Thailand	4.80	0.19	1/9/1995	1/12/1995

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Resort Hotel at Prachinburi (1/2)	Resort Hotel comprises 3 two storey building (G,A,F) 4 three storey buildings (B,C,D,E) (B,C built by other contractors) and 1 on storey building (Public area), Main office comprises 3 one storey buildings (A,B,C).	Land Measurement Co., Ltd.	Civil Design Co., Ltd. / Urban Architect Co., Ltd.	Thailand	42.00	1.68	17/11/1994	1/12/1995
Makro Chaeng Wattana (Extension)	Extension of existing store with an area of approximately 4,300 sq.m.	Siam Makro PCL	Chuchawal De Weger	Thailand	42.55	1.70	1/7/1995	30/11/1995
Bernau - Berliner Strasse	Construction of 6 storey building with basement parking. Ground floor as commercial area, upper floors as 14 offices & 31 apartments. Total floor area of 7,592 m2.	Dipl-Ing Eduard Horn	Struwlg, Papke, Schmltdt GmbH	Germany	204.00	8.16	1/6/1995	30/11/1995
Walsall Town Wharf Development	Infrastructure works and improvements to three localised areas comprising road construction, drainage, block paving and street furniture. Major stats and sewer diversions.	Chartwell Land PLC		United Kingdom	25.00	0.83	1/5/1995	30/11/1995
Pulp & Paper Mill at Srimahaphot, Prachinburi	Civil, Structural & Architectural Works for new Factory Buildings including paper mill & warehouse (60,000m2), wood chip mill yard (26,000 sq.m), pulp mill (8,000 sq.m), boilers (3,700 sq.m), office/workshop/canteen (11,000 sq.m).	Advance Agro Co., Ltd.	Southeast Asia Technology Co., Ltd./ Jaakko Poyry	Thailand	400.00	16.00	1/6/1994	30/11/1995
Makro Udonthani (Store) (2/2)	Civils works, building construction, external works, carparking and roads, M&E, waste water treatment and fire fighting systems.	Siam Makro PCL	Chuchawal De Weger	Thailand	130.50	5.22	9/6/1995	30/11/1995
Harnhill Landfill.	Rock safety work to quarry face, imported clay fill, installation of High Density Polyethylene geomembrane liner and leachate drainage layer.	County of Avon		United Kingdom	38.53	1.54	17/7/1995	27/11/1995
Lee Fibre Cardboard Factory	Design & construct of a one story factory, size 90.0 m x 160.0 m. long of R.C. floor flat slab on piles with steel gable frames superstructures. There are machine foundations on ground floor level. M & E works and external works are excluded. The site	Lee Fibre Board Co., Ltd.	Christiani & Nielsen	Thailand	63.00	2.52	17/4/1995	16/11/1995
Garden City Lagoon II (Phase I), Chaengwattana	Finishing works to road entrance signage and gatehouse, architectural decor & faux finishes Phase I.	Quality Technic Co., Ltd.	Christiani & Nielsen	Thailand	0.83	0.03	15/9/1995	14/11/1995
Inchcape Distribution Warehouse	Design and Construct Distribution Warehouse and associated facilities 165 x117 x 11 m.- 19,305m2, 12 goods out loading docks with dock levellers, 6 goods inwards docks at grade.; Workshop building approx. 1,600 sq.m; water supply main & underground water	Inchcape Services Limited SGS/CCC Clients Representatives	Christiani & Nielsen, Leigh & Orange Architects	Thailand	150.00	6.00	3/2/1995	3/11/1995
Putney Railway Bridge.	Construction of x2 RC Cutwaters on bored piles and in cofferdams around piers 3 & 4 of the existing bridge over the River Thames.	London Underground Ltd.		United Kingdom	59.00	2.36	22/2/1995	1/11/1995
Wanavit Warehouse, Bangkuntien, Bangkok	To construct of warehouse compound about 13,440 sq.m., canteen, guardhouse, fence, pavement, sanitary work, fire extinguisher, electrical system and communication system.	Wanavit Manufacturing Co., Ltd.	M.A.A. Consultant Co., Ltd.	Thailand	94.40	3.78	1/4/1995	31/10/1995
Hollyhead Salt Island Development Link Bridge	Hollyhead Salt Island Development Link Bridge five span bridge comprising precast bridge span units and in-situ reinforced concrete deck supported upon rock socketed tubular steel piles.	Stena Sealink Ports Ltd		United Kingdom	110.00	3.63	1/5/1995	30/10/1995
Holme Sluices Gate Replacement.	Replacement of 5 no vertical lift sluice gates (12.2 m long x 5m high) in existing barrage refurbishment of operating mechanism, reshaping cills in reinforced concrete with ground anchors, underwater scour protection downstream.	NRA Severn Trent Region		United Kingdom	46.00	1.84	3/10/1994	23/10/1995
R17 Oldbury Viaduct.	Concrete repairs and installation of cathodic protection system to concrete crossbeams supporting the M5 motorway between junctions 1 & 2.	Department of Transport	W. S. Atkins	United Kingdom	54.40	2.17	24/5/1993	16/10/1995
Siam Wella Distribution Centre, Bangplee, Samutprakarn	To construct of 11,800 sq.m warehouse with 4-storey reinforced concrete office building, area about 4,200 sq.m. Works also include guard house, trash storage parking shed and external work.	D.H.A. Siam Walla Co., Ltd.	Chuchawal-De Weger	Thailand	118.28	4.41	15/2/1995	12/10/1995

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Meyer Factory Modifications, Laem Chabang	To construct one foundation for the installation of an 1300 tons capacity Vaccari screw press. Approximated size = 4 m. x 5 m. x 3.2 m reinforced concrete machine foundation.	Mayer Industries Ltd.	Christiani & Nielsen	Thailand	2.49	0.09	7/8/1995	6/10/1995
Crown Seal Factory - Additional (2/2)	Carry out additional work to factory previously constructed by CNT.	Crown Seal Co., Ltd.	Christiani & Nielsen	Thailand	15.00	0.60	1/7/1995	1/10/1995
Q-Con Block Factory, Bang Pa-In	Design & construct factory for the manufacture of Aerated concrete blocks. Ground floor 9,285 sq.m, Mezzanine level 1,510 sq.m. Site area 87,775 sq.m. Parking for 40 cars.	Quality Construction Products Co., Ltd.	Christiani & Nielsen	Thailand	150.00	6.00	1/12/1994	30/9/1995
St Saviors Dock Footbridge.	St Saviors Dock Footbridge comprising a stainless steel pedestrian swing bridge spanning St Saviors Dock entrance from the River Thames. Overall width 29m with 14m swing bridge plus two side spans.	London Docklands Development Corp.		United Kingdom	35.00	1.16	1/3/1995	30/9/1995
Sika, Bangpakong Industrial Estate, Choburi.	To construct a 2,800 sq.m. warehouse, 1150 sq.m. office, production building, canteen and kitchen as an expansion to the existing production facilities.	Sika (Thailand) Ltd.	Civil Technology Consultant	Thailand	38.80	1.55	17/3/1995	29/9/1995
MDF Line Board Mill, Prachinburi	Concrete foundations, columns, beam, steel roof trusses, heavy civil foundations, inside/outside, building and steel tower 25 m high.	Agro Line Co., Ltd.	Civil Design	Thailand	60.29	2.41	27/3/1995	27/9/1995
Kings Hall Pumping Station and Long Sea Outfall.	Construction of R.C. pumping station (4,400 sq.m concrete) and 800 m long 1200 mm diameter steel outfall with all associated mechanical and electrical installations.	Southern Water Services Limited	McDowells	United Kingdom	204.00	8.16	31/1/1994	25/9/1995
Makro Chonburi Auto Express & Billboard	Construction of Auto Express & Billboard of Makro Chonburi	Siam Makro PCL	Chuchawal De Weger	Thailand	5.82	0.23	15/6/1995	15/9/1995
Port Expansion at West Port, Phase II, Pulau Lumut	Design & construct works for the expansion of the port with 1,200 m of additional wharf providing 6 new berths for Panamax container ships and bulk cargo ships. The berths consist of 65 in wide platform quays on piles connected to the shore by 6 access b	Klang Port Authority	SSP-Sepakat Setia Perunding Sdn. Bhd; HSS Integrated Sdn. Bhd. Sir Bruce White, Wolfe Barry & Ptnrs. Dsgn modification Christiani & Nielsen	Malaysia	1,608.33	64.00	1/12/1993	1/9/1995
Sampoom Gardens Condominiums, Bangkok.	Construct a 16-storey luxurious condominium with 2-level underground parking for 120 vehicles. Floor area approx. 13,2500 sq.m. Works include architectural finishes.	U. K. Property Co., Ltd.		Thailand	113.75	4.55	1/1/1994	1/9/1995
Siam Lime Silos, Saraburi	To build foundations to 7 no. silos, Columns to 4 no. silos, concrete slab (28m x12m), Support Steelwork (approx. 58 tons). 4 no. silos including staircase (100 tons)	Siam Lime Co., Ltd.	Christiani & Nielsen	Thailand	13.78	0.55	1/12/1994	1/9/1995
Konigs Park Residential 1	Construction of 1st Residential Phase comprising:- 26 Terraced Houses, 84 Apartments in 5 Blocks. On plot external works included. The contract includes detailed architectural, structural and M&E design, based on Clients concept drawings and specificati	Nobleclear Grundstucksentwick lung mbH	C&N A.G. and Intertec	Germany	343.90	13.75	15/11/1994	31/8/1995
Hornsea Outfall Repair	Underwater repairs to an existing 500mm dia. HDPE outfall pipe, including replacing a salvaged section of pipe.	Yorkshire Water Service Ltd		United Kingdom	20.00	0.66	1/5/1995	30/8/1995
Georg Wilhelm Strasse 23, Ringbahnstrasse1	Construction of 5 storey residential/commercial building on 1 storey cellar. Difficult access in centre of city.	GbR Artur & Theresa Brauner	Metz und Partner	Germany	38.26	1.53	30/9/1994	30/8/1995

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Black Country Spine Road - Eagle Lane Viaduct	4 kms long dual carriageway with new access points for future development. Second Phase comprising 1.25 kms four span 200 m viaduct over local road & freight rail line, 1 canal bridge and extensive landscape works.	Black Country Development Corporation	Sandwell M.B.C.	United Kingdom	364.00	14.56	25/10/1993	11/8/1995
Makro Seacon Square, Srinakarin	Architectural works of Makro office centre at Seacon Square.	Siam Makro PCL	Chuchawal De Weger	Thailand	4.88	0.19	20/5/1995	31/7/1995
Makro Udonthani, Udonthani (1/2)	Driving piles for future construction of MAKRO Store.	Siam Makro PCL	Chuchawal De Weger	Thailand	9.12	0.36	20/5/1995	22/7/1995
West Ferry Road.	2.3 km reconstruction of 7.3 m to 10.0 m wide single carriageway in flexibel construction.	London Borough of Tower Hamlets.		United Kingdom	32.00	1.28	30/1/1995	11/7/1995
Project Delta Petchkasem, Bangkae, Bangkok	To construct a pilot gas station comprises of canopy building, store car wash station, lubricant service station and 5,000 sq.m. of pavement including plumbing, electrical and piling work.	Caltex Oil	Ove Arup & Partners	Thailand	30.00	1.20	1/2/1995	30/6/1995
M50 Queenhill Bridge	M50 Queenhill Bridge permanant repairs to river span joints. Works to change the articulation of three river spans by reconstruction and repositioning the movement joints and strengthening the peir/deck joints.	Hereford & Worcester County Council		United Kingdom	60.00	1.98	1/12/1994	30/6/1995
A303: B3048 Forton Junction Improvement	Grade separate junction including a two x 30 m span road bridge with composite deck construction. Ancillary roadworks include 4 no central reserve gap closures and junction improvements.	Highways Agency		United Kingdom	60.00	2.40	30/9/1994	30/6/1995
Makro Chaengwattana Autoexpress II	Construction of autoservice building, civil work around the building, sanitary work, air-conditioning work and electrical work.	Siam Makro PCL	Chuchawal De Weger	Thailand	0.12		1/4/1995	30/6/1995
Christ Church, Convent Rd., Bangkok	Carry out repairs to Church.	Christ Church		Thailand	0.10		1/1/1995	1/6/1995
Fashion Island, Bangkok	Construction of a 4-storey, 350,000 sq.m shopping and commercial centre with a one-level basement. Works include two 6-level car parks each with a one-level basement, 1.4 kms of perimeter road, internal and external landscaping, a theme park, and 6,000 s	Siam Retail Development Co., Ltd.	Design 103 Ltd. / RDG Services Limited	Thailand	2,483.62	99.34	1/2/1993	1/6/1995
Permanent repairs to Bridge Span Joints.	Works to change the articulation of three river bridge spans by reconstruction and repositioning of the movement joints and strengthening of pier/deck joint.	Hereford & Worcs County Council		United Kingdom	48.00	1.92	1/1/1995	1/6/1995
North Park, Golf & Country Club House, Bangkok.	Main construction works for golf and sports club buildings including architectural finishes, piling works, external works and co-ordination of M & E works & interior finishing.90,000m3 excavation; 7,600 no. p.c. piles; 27,000m3 concrete; 2,101 tonnes rein	North Park Real Estate Co., Ltd.	RMJM (Thailand) Ltd.	Thailand	350.00	14.00	19/4/1993	31/5/1995
Thailon 66 Plant at Laem Chabang Industrial Estate, Choburi	To build two concrete building with structural roof, 1) Process building 15,672 sq.m. 2) Social building 926 sq.m. with parking area.	Thailon 66 Co., Ltd.	Chuchawal-De Weger	Thailand	52.80		19/12/1994	31/5/1995
Seafresh Chitosan, Chumphon	Construction of a factory building for process area & laboratory 60 m x 80 m.	Seafresh Chitosan (Lab) Co., Ltd.	Pro-En Consultants.	Thailand	23.70	0.95	1/11/1994	28/5/1995
River Soar - Pilings Flood Control Structure.	8 m wide automatic radial sluice R.C. structure comprising sheet piled wing walls, bed and bank protection, drainage and electrical work.	National Rivers Authority Severn Trent Region	Lewin Fryer & Partners	United Kingdom	42.80	1.72	11/4/1994	22/5/1995
Crown Seal Factory, Tanyathani, Pathumthani	Construct 2-storey warehouse with steel roof truss (15,000 sq.m), Machine shop (700 sq.m), u/g water tank (300 cu.m), internal road (3,450 sq.m R.C.).	Crown Seal Co., Ltd.		Thailand	60.00	4.00	15/10/1994	15/5/1995

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Tal-Y-Lynn Pass Retaining Walls	Construction of 2,551m RC anchored retaining walls; 781m ³ concrete; 218 rock anchors of 620kN capacity	Welsh Office		United Kingdom	26.00	0.86	3/3/1995	3/5/1995
CFS Facility for Siam Shoreside	Modification of existing office for a storage area and 1,900 sq.m. R.C. pavement at the CFS facility in Bangna.	Siam Shoreside Service	Christiani & Nielsen	Thailand	2.45	0.09	25/2/1995	1/5/1995
Siam Park Plaza Phase II & III, Bangkok	Construction of 4 No. buildings of 26, 21, 17 and 6-storeys. Gross area of 192,000 sq.m & 10,500 sq.m of retail & restaurant facilities on a 38,500 sq.m site. Underground car parking for over 1,600 cars is provided in 4 levels	Mahisorn Co., Ltd.	Robert G Boughey	Thailand	2,044.46	81.77	1/10/1992	1/5/1995
City Park Condominium Complex, Bangna.	Construction of a condominium complex, comprising 9 No. 7-storey blocks with a total floor area of approx. 86,000 sq.m. Works include architectural finishes, M&E, plumbing/sanitary and external pavement, drainage.	M. Thai Industrial Estate Co., Ltd.		Thailand	447.12	17.88	1/8/1993	1/5/1995
Royal Princess Hotel, Bangkok	Construct 6-storey hotel building with 2-level basement including architectural finishes. Floor are 31,130 sq.m.	Royal Princess Public Co., Ltd.		Thailand	96.67	3.86	1/2/1994	1/5/1995
CN Office Extension	Internal works for office extension at Bangna	CNT		Thailand	4.00		1/1/1995	30/4/1995
Ramsgate Pumping Station and Outfall.	The scheme comprises 35 m x 15 m pumping station with associated structures, mechanical and electrical works, 575 m long P.C. outlet culvert, 900 mm diameter sea outfall 48 m long with work to two existing outfalls and underground fuel storage tank 2750 m	Southern Water Services (Kent Division)	Southern Projects	United Kingdom	129.20	5.17	1/11/1993	10/4/1995
Royal Docks River Jetties Demolition.	Complete removal from the River Thames of 5 mainly timber/part concrete jetties.	London Dock1 Development Corp	CNT	United Kingdom	38.00	1.52	5/9/1994	3/4/1995
Sika Factory Extension, Cholburi	To construct new road and yard areas.	Sika (Thailand) Ltd.		Thailand	2.30	0.09	15/1/1995	31/3/1995
Konigs Park Infrastructure1	Construction of road and drainage works for the first of three infrastructure phases. Coordination of Statutory Authorities services installation. Major quantities - Asphalt surfacing 8,000 m ² , Block paving 9,500 m ² , Drainage 10,000 m ² .	Nobleclear Grundstücksentwicklung mbH	Engineer - Peter Brett Associates	Germany	140.28	5.61	17/10/1994	31/3/1995
Sikiew Caltex Service Station, Korat	To build 2 gasoline station at Sikiew, Korat.	Caltex Oil Co., Ltd.		Thailand	36.00	1.44	22/11/1994	21/3/1995
Thai Dairy Industry, Bang Pa-in, Ayudthaya (1/2)	Preliminary preparation of Lump Sum price for the design and construction of the relocation and expansion of the company's existing dairy plant. Total construct cost will be approx. 650 million	Thai Dairy Industries	Christiani & Nielsen (Thai)	Thailand	6.90		15/9/1994	15/3/1995
R42 Gravelly Hill Interchange.	Provision of access, temporary steel supports, repairs and cathodic protection to viaduct substructures.	Department of Transport	G. Maunsell & Partners	United Kingdom	25.60	1.02	31/8/1992	13/3/1995
Amusement Park at SR Plaza, Ramintra, Bangkok	Fit out of amusement area on roof top of S.R. shopping center construction works include structural, finishing and theme works involving landscaping, electrical and ort works.	Siam Retail Development Co., Ltd.	Design 103 Ltd.	Thailand	38.32	1.53	13/10/1994	11/3/1995
Wongpaitoon Factory at Samutsakorn	Construct: Factory Building No.1 14,532 sq.m., No.2 5,993 sq.m., Underground Water Tank 238m ³ Cap, Elevated Water Tank 20m. High 30m ³ Cap. Works comprise Structural & Architectural Works. (includes piling, M & E works). Client supplies steel structure,	Wongpaitoon Footware Public Co., Ltd.	Christiani & Nielsen/Southeast Asia Design	Thailand	100.00	4.00	12/9/1994	11/3/1995
Thai Amarit Brewery, Pathumtani (1/2)	Structural, Architectural works to Brewery Buildings: Silo & Plant Office (2,320 sq.m.), Brew House (1,750sq.m.), Beer Processing Building (1,240sq.m.), tank Farm (2,040sq.m.), Packaging Hall (9,110sq.m.), Energy Centre (4,820sq.m.), warehouse (1,250sq.m.	Thai Amarit Brewery Ltd.		Thailand	144.50	5.78	10/8/1994	10/3/1995

Name	Description	Client	Designed by	Country	Mil Bht	Mil US\$	Start	Complete
Lodden Bridges reconstruction, near Twyford on the A4.	Demolition of two existing portal type river bridges to be replaced with two new steel/concrete composite bridges of spans 21.7 m and 13.5 m R.C. abutments supported on 500 mm diameter bored concrete piles.	Berkshire County Council	Babtie Public Services Div.	United Kingdom	40.00	1.60	28/2/1994	6/3/1995
Heineken Brewery Plant, Nonthaburi	Construct civil, structural, architectural of sanitary works (excluding piling, M&E) to: Maltstore, Brewhouse, Bottling Plant 9,564 sq.m. Office building 400 sq.m. Canteen of reception 500 sq.m. Truck shelter 120 sq.m. Porters lodge 14 sq.m. Control b	Thai Asia Pacific Brewery Co., Ltd.	Chuchawal-De Weger Int'l Ltd.	Thailand	125.51	5.02	10/3/1994	28/2/1995
Sandoz Factory, Samut Prakarn	Design and construction of a new chemical manufacturing plant on a 26,300 sq.m site with a two-storey, 30 m x 24 m, production building with workshop storage areas and offices; a single storey, 114 m x 30 m warehouse; a two-storey, 42 m x 16 m, laboratory	Sandoz Products Ltd.	Christiani & Neilsen (Thai) / The Consortium, Law International	Thailand	136.20	5.44	1/7/1992	24/2/1995
Sandoz Canteen, Bangpoo Industrial Estate, Samutprakarn	Design & construction of a separate canteen building in the grounds of the main factory complex. Area 224 sq.m. comprising of 100 sq.m. seating area, kitchen, stores areas and toilets.	Sandoz Products Ltd.	Christiani & Nielsen (Thai)	Thailand	3.23	0.13	16/11/1994	24/2/1995
Makro Ladprao Auto Express I	Construction of Autoservice building, civil works around the building, sanitary work, air-conditioning and electrical work.	Siam Makro PCL	Chuchawal-De Weger	Thailand	5.00	0.20	6/1/1995	6/2/1995
Heritage Stoneware Factory, Saraburi	Construct new stoneware factory including Structural, Architectural, Electrical, Sanitary and External Works. R.C. 2-storey office building 11,760 sq.m. 2-storey Production Building 1,080 sq.m.	Heritage Stoneware (Thailand) Ltd.	Design Consultants Co., Ltd.	Thailand	61.00	2.44	1/7/1994	31/1/1995
Lavernock Outfall, Barry Bathing water improvements.	880 m long 1829 mm diameter steel outfall pipe with 252 m IG diffuser, 140 m 1830 mm diameter P.C. segmental tunnel, 16 m deep 3000 mm diameter P.C. segmental shaft.	Welsh Water	Wallace Evans	United Kingdom	161.20	6.44	31/1/1994	31/1/1995
Stanton Drew Sewage Treatment Works Civil works.	Extensions and modifications to existing sewage treatment plant and demolition of complete works, including construction of new balancing tank, inlet works, primary tank, humus tank and storm tank.	Wessex Water Services	L G Mouchel & Partners	United Kingdom	15.20	0.60	11/7/1994	30/1/1995
Industrial Units, Steamer Quay, Totnes.	Construction of four industrial units, associated external works and new quay and extension to existing quay.	South Hampshire District Council.		United Kingdom	52.00	2.08	31/12/1994	28/1/1995
Graphic Place Houses, Bangplee Industrial Estate	Construct 4 No. 2-Storey Show Houses works include Structural, Architectural, Electrical, Sanitary and External Fencing and Drainage.	M. Thai Industrial Estate Co., Ltd.	Project Development Consultants	Thailand	5.37	0.21	10/9/1994	24/1/1995
Caltex Station, Highway 36, Chonburi	Construction of a Service Station.	Caltex Oil (Thailand) Limited		Thailand	8.50	0.34	15/9/1994	14/1/1995
EGAT 115kv Transmission Line, Narathiwat - Sungai Kolok	Supply, construction and installation of transmission line, 115kv, 3 phase, 50Hz, single circuit on double circuit self-support lattice steel towers extending from Narathiwat substation to Sungai Kolok substation in the southern of Thailand	Electricity Generating Authority of Thailand (EGAT)		Thailand			15/2/1994	5/1/1995