



consulting engineers of alberta

A searchable database of CEA member companies and their fields of specialization is available online at

CEA.ca

Reference Guide 2023

Consulting Engineers of Alberta members offer a wide range of services to assist their clients toward their ultimate goals. The following matrix provides a simple, easy-to-use guide to help clients in the initial selection of an appropriate consulting engineering firm.

Fields of Specialization

- | | | | |
|---------------------------------------|----------------------|---------------------------|----------------------------|
| 1. Aerospace | 9. Environmental | 17. Materials | 25. Pressure Vessels |
| 2. Agriculture | 10. Export | 18. Mechanical | 26. Project Management |
| 3. Building Science | 11. Fisheries | 19. Mediation | 27. Research |
| 4. Chemical Engineering | 12. Forensic | 20. Mining Engineering | 28. Structural – Buildings |
| 5. Communications/ Telecommunications | 13. Forestry | 21. Municipal | 29. Structural – Other |
| 6. Computer Science | 14. Geotechnical | 22. Occupational Health | 30. Surveying |
| 7. Electrical | 15. Industrial | 23. Petroleum Engineering | 31. Temporary Works |
| 8. Energy | 16. Marine & Coastal | 24. Planning | 32. Transportation |



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CEA and its members can assist municipalities in asset management to ensure **the right money gets spent on the right projects at the right point in time.**

As the matrix shows, while engineering design is a major component of the capabilities of CEA members, they can provide advice and assistance from the financial pre-feasibility phase of projects through to completion and beyond.

	№	Member Name	№
	373	AECOM	418
	6	Akon Engineering Consultants Group Ltd.	
	21	AI-Terra Engineering (Red Deer) Ltd.	
	52	AI-Terra Engineering Ltd.	
	20	Almor Testing Services Ltd.	
	27	Alvin Martin	
	54	Arrow Engineering Inc.	
	396	Associated Engineering	
	28	Bar Engineering & Environmental Science Canada Ltd.	
	8	Binnie Consulting Ltd.	
	18	BPTCC Engineering Ltd.	
	162	CIMA Canada Inc. (CIMA+)	
	93	CITRO Engineering Group Inc.	
	16	COWI North America Ltd.	
	37	CTM Design Services Ltd.	
	9	CVE Engineers Inc.	
	31	DES. Engineering Limited	
	67	DIALOG	
	59	Dillon Consulting Limited	
	12	Engle Engineering Corp.	
	7	EBAN Engineering Ltd.	
	144	Englobe Corp.	
	51	Enuitive Corporation	
	99	EXP Services Inc.	
	14	Fast + Epp	
	12	GeoMetrics Group Engineering Ltd.	
	63	GHD Limited	
	12	Great Northern Engineering Consultants Inc.	
	98	Hatch	
	2	Hawk Aerial and Technical Solutions Inc.	
	42	HDR Corporation	
	4	Hedgehog Technologies	
	3	Howe Gasmeier Chapnik Limited (HGC Engineering)	
	69	IBI Group	
	30	Invotec Consulting Ltd.	
	308	ISL Engineering and Land Services Ltd.	
	17	J.P. Paire & Associates Ltd.	
	348	Jacobs	
	17	Kear Wood Ledal Associates Ltd.	
	71	Klein Crippen Berger Ltd.	
	17	LE3 Engineering Inc.	
	8	M3 Engineering	
	20	Magna IV Engineering Inc.	
	374	McElhenny Ltd.	
	19	McIntosh Perry	
	46	MCV Hemisphere Ltd.	
	1	MNA Quality Consulting Ltd.	
	99	Morrison Hershfield Limited	
	30	Mott MacDonald Canada Limited	
	21	MPA Engineering Ltd.	
	205	MPE Engineering Ltd.	
	30	Northwest Hydraulic Consultants Ltd.	
	23	OGI Engineering	
	198	Parsons Inc.	
	42	Paquin & Associates Consulting Ltd.	
	13	Patching Associates Acoustical Engineering Ltd.	
	5	PBX Engineering Ltd.	
	6	ReLumen Engineering Inc.	
	143	RC Engineers	
	7	Rosalee Engineering Ltd.	
	11	Sammig Inc.	
	39	Schieffler Andrew Ltd.	
	10	SE Design and Consulting Inc.	
	36	SMA Consulting Ltd.	
	58	Smith + Andersen	
	85	SNP Engineering	
	100	SNCLawah Inc.	
	20	SolidEarth Geotechnical Inc.	
	214	Stantec Consulting Ltd.	
	10	Stephenson Engineering Ltd.	
	6	T2 Utility Engineers Inc.	
	389	Terra Tech Canada Inc.	
	248	Thurber Engineering Ltd.	
	52	TWD Technologies Limited	
	154	Urban Systems Ltd.	
	22	V3 Companies of Canada Ltd.	
	26	Wave Engineering Consultants Inc.	
	1062	WSP	
	418	WSP E8I Canada Limited	

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As the matrix shows, while engineering design is a major component of the capabilities of CEA members, they can provide advice and assistance from the financial pre-feasibility phase of projects through to completion and beyond.

Matrix showing specialization capabilities of various engineering firms across 32 categories. Columns list firms like AECOM, Al-Terra, etc. Rows list specialties like Forestry, Geotechnical, Industrial, etc. Blue dots indicate specialization.