CURRICULUM VITAE

Proposed role in the project: **(example) ICT in Education and Educational Technology Expert**

1. **Family name:**   **LEEMING**

2. **First names:**   **David Gunnar**

3. **Date of birth:**   **19 November 1962**

4. **Passport holder:**   **British (UK)** and resident of Solomon Islands

    Contact details:

Mail:	P.O. Box 652 Honiara, Solomon Islands
Tel:	+677 747-6396
Email:	**david@leeming-consulting.com**
Website:	www.leeming-consulting.com

5. **Education:**

Institution / date	Degree(s) or Diploma(s) obtained:
Salford University, UK , 1981-1985	BSc (Hons) 1st Class, Electronics and Acoustics (Applied physics). Won 2 University prizes

6. **Language skills:** (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	native	Native	native
Solomon Is. Pidjin	1	2	2
PNG Tok Pisin	2	3	3
Polynesian (Rennell)	5	5	5

7. **Membership of professional bodies**

- Board Member, Pacific Islands Chapter (PICISOC) of the Internet Society (ISOC) (elected 2009, re-elected 2011)
- Member of Commonwealth of Learning's International partner network, Community Media programme
- Trustee and co-founder, Village Technology Trust (NGO incorporated in Solomon Islands)

8. **Other skills**

- Information and Communications Technology (ICT) for Development
- Educational technology
- Telecentre networks including distance learning centres
- Networking technologies, including mobile technologies for development
- Community media and learning with media
- Open educational resources (OERs)
- Renewable energy and appropriate technology
- Micro FM broadcasting and radio for development (community and participatory radio)
- Research and Evaluation
Expert in computing and Internet technologies including open source (FOSS)

9. **Present position:**   Independent consultant and Manager/Owner of Leeming International Consulting

10. **Years in firm:**   Company incorporated in Solomon Islands 2006

11. **Key qualifications:** (Relevant to the project – example for ICT education)

- 15 years experience in e-government, ICT for development, educational technology and networking in the region
- Relevant EDF experience in 2 regional countries (DLCP, Solomon Islands, and IRPEF, PNG)
- Long-term EDF project management experience (DLCP 2004-7, Solomon Islands)
- Professional experience with regional education systems at many levels / sub-sectors (i.e. formal, ODL, informal)
- Experience working with Ministries of Education and educators in 6 regional countries
- Advised Ministers of Education at two regional meetings (FEdMM, 2004, 2007)
- Professional connections with regional organisations with educational networks including USP (USPNet), Divine Word University, (PNGARNet), UPNG Open College, OLPC Oceania, Secretariat of the Pacific Community (Pacific Rural Internet Connectivity System)
- Experience working within the context of regional ICT development including the Pacific Plan Digital Strategy, Internet Governance Forum, PRISAP and experience at policy level (i.e. National ICT Strategies)
- 3 years direct experience as teacher in Solomon Islands, and general cultural sensitivity
- Consultant for SPC on a multi-sector provincial government broadband network in Solomon Islands
- Consulted for EU, UNDP. UNESCO, UNICEF, ITU, COL, SPC
- Published research author on ICT community access and education (see list)

12. **Specific experience in the region:**

Country	Date from - Date to
Solomon Islands	Resident since 1996 – short and long term consulting
PNG	Multiple short term consulting, 2004-present
Nauru	Short term consulting, 2009-10
Kosrae (FSM)	Short term consulting, 2010
Tuvalu	Short term consulting, 2010
Samoa	Short term consulting, 2008
Thailand	Short term consulting, 2010
Regional Pacific Islands	Regional OLPC coordinator for SPC June-Dec 2008 Active contributor to regional ICT development since 2001

13. Professional Experience (for referees, please see list below the table)

(A) Most significant experience for the proposed assignment:

Date from - to	Location	Company	Position	Responsibilities include:
Starting Dec 2010 (phased)	Solomon Islands	Secretariat of Pacific Community	Project Manager	Detailed project design and project management for a nation-wide provincial government broadband network and early-stage **e-government** project. High-level consultation with partner Ministries and agencies with regard to technical design, installation, financial planning and sustainability, training, e-governance applications, M&E, and exit plan. The project involves 21 provincial locations and 54 government offices, including rural hospitals, police posts, administration offices, disaster management and agriculture offices. Over 300 government workers will be trained in e-literacy and e-government applications. An integrated VSAT and Wi-Fi network is being installed in the 21 locations. The programme is linked to the regional Pacific Rural Internet Connectivity System (PACRICS) programme of SPC (http://pacrics.net, www.spc.int)
Dec 2004 – Dec 2007	Solomon Islands	EU / EDF Ministry of Education, Solomon Islands	Project Manager 3-years full Time (international)	Manager of the **Distance Learning Centres Project** (DLCP), a SchoolNet and Community Access project. I managed a team of 17 project staff with a total budget of SBD 11 million (EUR 1.1m) over 3 years. The DLCP was an EU-funded component of the Education Sector Investment and Reform Programme (ESIRP). The project established a network of 9 distance learning centres hosted by rural community high schools equipped with broadband Internet through a newly established VSAT network. The centres are run as a multipurpose community Telecentre Network (TCN). The project also worked closely with regional institutions such as USP, DWU and UPNG to create linkages for distance learning. Within the Ministry, the DLCP collaborated on mainstreaming distance and flexible learning across the sector, including teacher professional development, literacy, vocational education and training. The DLCP was featured at several International conferences including the Pacific Forum Education Minister's Meeting, held in Auckland in Nov 2007. The post required of me strong leadership and competence in project management, budgeting, reporting, ICT technology, human resource development and training, community development and to work at all levels from grassroots to regional government.
Jan 09 – Dec 09	Solomon Islands	Linpico Ltd. EDF funded Solomon Islands Ministry of Ed.	Consultant	Provide follow-up TA to the DLCP project of the EU and NZAid funded Education Sector Investment and Reform Programme. This part time contract focused on developing the main streaming of DFL within the education sector, strategic planning, and technical areas such as training in the introduction of Moodle and expanded VSAT networking with community access, and an evaluation of the OLPC trials ongoing.
Sep 09 – on going (part time)	Solomon Islands, PNG	Commonwealth of Learning (www.col.org)	Consultant/ International partner of COL in community media program	Coordination of a health learning programme in Isabel Province, Solomon Islands under COL's "Healthy Communities". The **community media** programme brings together the Ministry of Health's Health Promotion Division, Isabel Province and rural communities to develop learning programmes using participatory approaches. It builds on an existing network of eight community FM radio stations around the Province, networked by email, mobile and other modes. My responsibilities included extensive partner consultations and coordination, community development, workshop design and facilitation, leading a mentoring programme (face to face and online), development of online resources, technology training and design, and strategy and policy advice to partners including the Isabel Provincial Government. As an international partner of COL, I was invited to their HQ in Vancouver, to participate in programme planning (Oct 2009). This work is ongoing. http://communitymediasolomons.wordpress.com/isabel-learning-network/
May 2011	PNG	Commonwealth of Learning	Trainer	Workshop for community radio partners in the use of **mobile telephones to support learning for development**. Buka, Bougainville, with 20 participants. http://wikieducator.org/Community_Media/PNG/Bogenvil_Meri_Tede
Jan 2008 – June 2008	Solomon, PNG, Nauru, Samoa	Commonwealth of Learning	Consultant / workshop facilitator	Facilitating "Learning4Content" workshops on collaborative content development for educators, in Commonwealth countries of the Pacific Islands. The workshops trained teachers and educators in collaborative resource development using the WikiEducator. The Solomon Islands workshop was the first of up to 100 such workshops worldwide, pioneering the programme for COL. I have also written the L4C Facilitator's Guide under a separate contract. http://wikieducator.org/Learning4Content
Starting Oct 2010	Solomon Islands	UNESCO	Consultant	A project of UNESCO and Ministry of Education involving **indigenous knowledge management** linked to vernacular education; assisting teacher to take ownership of an online environmental wiki in local Marovo language, building on a pre-existing school/community network known as the "Marovo Learning Network". Role involved project coordination, teacher training, development of lesson planning tools using the WikiEducator, and ICT technical work. http://wikieducator.org/Patukae_College/OER_Reef_and_Rainforest_wiki_in_Marovo_Language
June -Dec 2008	Regional	Secretariat of the	Coordinator,	From late 2007 I worked with a small group of regional experts to develop a regional trial of the One Laptop Per Child

	Pacific Islands	Pacific Community SPC	One Laptop Per Child Regional Trials programme	(OLPC) programme. This brought OLPC to the region. I was then recuited by SPC to coordinate and implement strategies, and programmes of trials in all member countries for OLPC Oceania programme of SPC under the Pacific Digital Strategy. This involved liaison and coordination with Ministries of education, NGOs and other partners, in countries participating in trials, implementing the initial trials in collaboration with all local and regional partners. I remain closely working with regional partners in the OLPC programme. http://wiki.laptop.org/go/OLPC_Oceania
June 2010	Kosrae FSM	Department of Education, Kosrae	Trainer and advisor	To provide leading guidance and training with the planning and implementation of a **One Laptop Per Child (OLPC)** programme for Kosrae. The programme involves 8 primary schools. Duties include participatory project design, training of trainers, and technical ICT.
Started Mar'10 on going	PNG	PNG Sustainable Development Ltd.	Technical Advisor	To develop and implement a **One Laptop Per Child (OLPC) programme** for PNGSDP as part of their community development programme. The complex project involves 13 schools in Western and Highlands provinces. Duties involve team leader role with project design, management, training of trainers/HRD, procurement, M&E, liaison with stakeholders. http://wikieducator.org/OLPC_PNGSDP
Jan 2010	Tuvalu / Solomon Islands	ITU / SPC (Joint funding) and Tuvalu Ministry of Education	Consultant	To assist Tuvalu Ministry of Education with the launching of a **One Laptop Per Child (OLPC**) Country Project. To prepare resource materials covering issues such as teacher training, infrastructure, curriculum integration, governance, funding and content, and facilitate multi-stakeholder workshops and training of the country team, and the provide support through building an online community. http://wikieducator.org/OLPC_Tuvalu
April 2009	Nauru	Nauru Ministry of Education	Consultant / trainer	Teacher training and technical assistance on Nauru's **One Laptop Per Child** Programme. This mission involved teacher and community training, curriculum integration and content development, and development of the strategy for the country programme. http://wiki.laptop.org/go/OLPC_Nauru
Oct 2000 – current	Solomon Islands	Long term, 2000-04 variously funded (UNDP, British, Japanese and NZ Governments through local missions) 2004-2007 as part of the DLCP	Technical Advisor to the People First Network (PFnet)	The People First Network, or PFnet, is a rural connectivity project, which aims to promote and facilitate equitable and sustainable rural development and peace building by enabling better information sharing and knowledge building among and across communities forming the Solomon Islands. The project established an email system with over 30 stations nationally, based on a robust, proven and sustainable technology using short-wave radio with modem and solar power. PFNet was established under a UNDP Programme (SIDAPP) in Solomon Islands in 2001. I was employed as Technical Advisor from the concept stage until 2007, the latter years in association with the DLCP project (see above). During this time PFnet was nominated as a finalist in several international ICT4D competitions including the Stockholm Challenge, UNSECO Rural Communications Prize and the InfoDev ICT4D Stories Competition. PFnet also advocated on rural communication strategies and research into ICT for development. Through this work, I have contributed to the literature through research and participation in regional forums. For instance, in 2003 with technical assistance from UNDP, PFnet hosted a workshop on national ICT strategy building that has improved awareness, professional networks and coordination of ICT in development in the country.
July 2004	PNG	EDF funded IRPEF programme, PNG	Consultant	Short term advice on ICT to the Improvement of Rural Primary Education Facilities Project regarding remote communications and solar power for rural primary schools in PNG's Madang, Sepik and Highlands provinces. Environmental scan and consultations, and reporting with recommendations.

(**B). Other professional experience:**

Date from - to	Location	Company	Position	Responsibilities include:
Starting Dec 2011	Regional	Pacifika Media Association	ICT Team Leader	Manage technology component of a project that will develop distance learning courses for Pacific Islands media people, especially investigative journalists
Dec 2011	Solomon Islands	UNICEF (NZ)	Consultant	Provided expert advice on the design and sustainability of a solar power project for 30 rural Primary Schools, teachers housing and early Early Child education centres.
Nov 2010	Thailand	ITU	Consultant	Design and delivery of a skills workshop on "**Inclusive Applications and e-Services** for Communities" under an ITU/COE (Australian Government) capacity development programme. Chaing Rai, Thailand. Technical training on e-applications given to 40 participants/trainees from at least 6 SE Asian counties.
Oct 2010	Solomon Islands	Secretariat of the Pacific Community	Project Manager	To install the first VSAT site, at Lata Hospital, Temotu Province, of a **provincial government broadband network**, and provide ICT capability training for government officers working at the hospital, police post, disaster office and government offices.

Sept 09 ongoing	Solomon Islands, partners in 4 other countries	WebSatMedia, Singapore	Project Manager	To coordinate Pacific partners in an international contract to install 2.4m VSAT systems at ANZ banks in Solomon Islands, Samoa, Kiribati, Cook Islands and American Samoa. Contracting authority is WebSatMedia of Singapore. ANZ has awarded SingTel/Optus and WebSatMedia the global connectivity network to connect ANZ remote offices to its HQ in Melbourne. Leeming Consulting are WebSatMedia's Partner in Solomon Islands for all coordination and project management
Feb – Jun 2009	Solomon Islands	Commonwealth of Learning	Project manager / consultant	In this consultancy I was leading the collaborative development of learning content for **community media**, under COL's Learning4Peace programme in partnership with Isabel Province Government and women and youth networks. Responsibilities included building capacity for networking, collaboration and participatory radio programming aligned with the Isabel Province Youth Policy and Action Plan. Under a related contract I wrote a chapter of a forthcoming book to be published by COL (see publications list)
Nov/ Dec 07	Solomon Islands	UNDP Solomon Islands Office	Consultant	Consulting and advice to Isabel Province Development Programme, Solomon Islands. Identification and recommendations on programming linkages for the Isabel Province e-Government and e-Governance system. Technical advice provided on the interconnection of rural networks, including People First Network (PFNet) email stations, community FM radio stations, distance learning centre and HF radio networks. Identification of e-government linkages by sector and e-governance linkages related to the Province's planning cycle, to enable increased participation and engagement of citizenry in the planning and development process.
Nov07 - Sept 08	Solomon Islands	Secretariat of the Pacific Community	Consultant	(a) To establish a wireless educational network in Marovo Lagoon, Solomon Islands (b) To complete preparations for proposed regional trials of the "One Laptop Per Child" programme (c) To consult with communities in Marovo Lagoon in preparation for the planned pilots of SPC's Rural Internet Connectivity System (RICS). These inputs are related to the Pacific Forum's Digital Strategy, which aims to reach out to remote and rural communities. The community access project is named the Marovo Learning Network. I designed and installed a wide-area Wi-Fi network linked to a VSAT, hosted and managed by local communities and linking up to 15 rural schools. http://www.peoplefirst.net.sb/DLCP/Marovo.htm
Nov. 2004	PNG	UNDP short term international TA	Consultant	Co-facilitator, National ICT Strategy Building Workshop, UNDP PNG Office. Facilitated a national workshop bringing together PNG government, academic, private sector, civil society and community ICT stakeholders to identify problems, challenges and objectives for a national ICT policy.
Oct 2004	Solomon Islands	Machinery of Govt (Ausaid), S.I.	Consultant	Provided and environmental scan and short term advice on the establishment of a Solomon Islands Government website, including an analysis of wider eGovernment implications.
Jul 99 - Oct 00	Solomon	UNDP / UNIDO project	Webmaster / ICT Officer	Established and localized a website www.commerce.gov.sb and online business information service to support SME development in rural areas for the Solomon Islands Ministry of Commerce.
Feb 96 – Dec98	Solomon Is.	VSO	Volunteer	VSO maths/science teacher in 2 rural secondary schools. Installed solar power supplies in 2 rural schools.
Jan90 - Feb96	UK	Health and Safety Executive	Senior Scientific Officer	Research scientist, HSE's Research Laboratory. Quantified Risk assessment applied to the transport of dangerous goods. Advised the HSE Major Hazard Assessment Unit and developed computer tools for the assessment of hazards, which are used in public enquiries and strategic planning with regard to health and safety.
Aug88 -Jan90	UK	Building design Partnership	Acoustics consultant	Assistance to the acoustics group. Various noise surveys, computer modelling of noise from Channel Tunnel, etc.
87-8	UK	University of Sheffield	Research Assistant	Post-graduate research, computer modelling of auditorium acoustics
Jun86 -Oct 87	UK	Enviro-systems Ltd. Lancaster	Electronics Engineer	Diagnostics and repair of electronics.
Sep83-84	Norway	Ch Michelson Institute	UG research Asst.	University "year out" industrial experience.

REFEREES

Commonwealth of Learning

Name: Ian Pringle

Title and role: Education Expert, Media The Commonwealth of Learning

Phone: +1 604 775 8200
Email: ipringle@col.org

People First Network, UNDP

Name: Edo Stork

Title and role: Deputy Resident Representative, UNDP Trinidad and Tobago Country Office

Phone: +868 623 7056
Email: edo.stork@undp.org.tt

Secretariat of the Pacific Community

Name: Jimmie Rodgers

Title and role: Director General, Secretariat of the Pacific Community, Noumea, New Caledonia

Phone: +687 262000
Email: jimmier@spc.int

Distance Learning Centres Project

Name : Peter Potter

Title and role: Education Sector Coordinator, Solomon Islands Ministry of Education
esa@mehrd.gov.sb

Publications List for David Leeming. Most recent first.

1. One Laptop Per Child (OLPC) Workbook for Educators, D Leeming, open publication, Feb 2010 http://olpcoceania.blogspot.com/2010/02/olpc-workbook-for-education-officials.html

2. Using technology enhanced learning solutions to build bridges across the Digital Divide towards 'empowerment' in Australia and the Asia-Pacific region, M. Hastie, NS.Chen, D Leeming, TELearn2009 Conference, Academia Sinica ,Taipei, Taiwan from October 6-8, 2009. http://telearn2009.cl.ncu.edu.tw/program.html

3. Youth Collaborating for Peace with Community Media in Solomon Islands, Leeming D.G., Chapter of book, *Learning to Live Together, using Distance Education for Community Peace Building,* Eds. T. Munro, R. Baksh, Pub: Commonwealth of Learning, June 2009 , ISBN : 9781894975353 http://www.col.org/resources/publications/Pages/detail.aspx?PID=319

4. Challenges and Impacts of One Laptop Per Child, Leeming D., Thomson I., Forster T. Launched at the Pacific Forum Education Minister's Meeting in Tonga, March 2009, as part of the University of the South Pacific's PRIDE series of publications (pub, University of the South Pacific, PRIDE series, 2010). http://wiki.laptop.org/images/f/fb/Leeming-Thomson-Forster-PRIDE-2009.pdf

5. The Islands of Wisdom (and Learning). The role of Distance and Flexible Learning in the Solomon islands education system, Leeming, D., Paper presented to the Pacific Forum Education Minister's Meeting, Auckland, New Zealand, 28th Nov 2007.

6. Chand, A; Leeming, D et al.; The Impact of ICT on Rural Development in Solomon Islands: The PFnet Case; JICA/USP research program, ISBN 982-01-0629-X, 2005 http://www.usp.ac.fi/jica/ict_research/pfnet_case_study/pfnet_intro.html

7. Contribution to book: *Exploring New Modalities: Experiences with ICT Interventions in the Asia-Pacific Region, Chapter 14: A Distance Learning Application of the Solomon Islands People First Network (PFnet)* by UNDP Asia Pacific Development Information Programme (APDIP), UNDP-APDIP ICT4D Series 2006, Elsevier, ISBN 81-312-0630-0.

8. Stork, E.; Leeming, D.; Biliki, R. (2003) *Solomon Islands ICT Strategy Workshop Report,* the Electronic Journal on Information Systems in Developing Countries. http://www.ejisdc.org/ojs2/index.php/ejisdc/issue/view/72

9. Stork, E; Leeming, D (2004) *Papua New Guinea National ICT Workshop Report,* http://www.undp.org.pg/documents/PNG_National_ICT_Workshop_Report_2.12.2004_final.pdf

10. Leeming D., (2003) *Education through Wireless Networking in Solomon Islands,* Asia Media Information and Communications Centre AMIC, 12th Annual Meeting, Singapore, Nov 2003

11. Leeming D., (2003), *Challenges for Sustainable Rural Networking in Solomon Islands,* ICTP Round Table on Science for Developing Countries, Oct 2003 http://www.peoplefirst.net.sb/downloads/ICTP-PFnet-Oct03.zip Published in "Rural Transformation, Socio-Economic Issues", ed. Bhargava H., Kumar D.; ICFAI University Press, Hyderabad, India, 2006. ISBN 81-314-0090-5

12. Leeming D., (2003) *Input Paper for the Solomon Islands People First Network,* World Summit on the Information Society, Tokyo Regional Meeting, Jan 2003. http://www.wsis-japan.jp/documents/ngo_10.pdf

13. *Analysis of Risk Model Estimates for the Transport of Dangerous Goods,* FF Saccomanno, DG Leeming, A Stewart, Proceedings of the International Concensus Conference on the transport of Dangerous Goods, Toronto, Canada, April 1992. Published by the University of Waterloo Press, Ontario, Canada

14. *Use of QRA to compare the risks of transporting chlorine by road and rail,* DG Leeming and FF Saccomanno, 1993 Hazmat Transportation Conference, Albuquerque, New Mexico, USA, July 1993

15. *Effect of Transport Mode on the Risks from Handling Chlorine at a Major Industrial Facility in the UK,* DG Leeming and FF Saccomanno, Emergency Response ER93 International Conference on the Practical Approach to Hazardous Materials, St.Johns, New Brunswick, Canada, Sept 1993

16. *Risk Assessment in the Process Industries,* Contribution to book published by IchemE 1996, ISBN 085295232

17. *Effect of Road and Traffic Characteristics on Accidents Involving Heavy Goods Vehicles* L Liu, D Leeming and J Wilday, Proceedings of the Truck Safety Conference, Toronto, 1996