

EU - CURRICULUM VITAE

Proposed role in the project:

PM / Procurement / Contract / Claim / Variation / ADR
Individual Independent Consultant

Family name:

Giesa

First name:

Helmut F

Date of birth:

24/04/1957 Search/find **Fact Sheet:** www.aid21.de/TOC123.pdf

Nationality:

German

Education:

Institution (Date from – Date to)	Degree(s) or Diploma(s) obtained:
University Hagen, Germany (1988-1993)	Post-graduate in ECONOMICS /Accounting / Financial Management
Technical University (TU) of Munich Germany (1975 – 1981)	Civil Engineering Dipl.-Ing. Univ. (=MSc equivalent)
University of Applied Science in Munich, Germany (1970- 1973)	Degree in Surveying Engineering, Dipl.-Ing. (BSc Equivalent)

Language Skills: Indicate competence on a scale of 1 – 5 (1-excellent; 5-basic):

Language	Reading	Speaking	Writing
English	1	1	1
German (mother tongue)	1	1	1

Membership of professional bodies:

(i) Member of the **German Institution of Arbitration / DIS** (Schiedsgerichtsbarkeit): ADR / Alternative Dispute Resolution: **Conflict Management Strategies, expedited proceedings, Adjudications, Amicable Settlements, Conciliations / Mediations, and Arbitrations.**

(ii) VSVI (Society for Road Construction and Transportation)

(iii) GPM (Association for Project Management),

(iv) DVP + VDI (Association of Project Controllers and German Engineers)

Other skills:

EDP-Knowledge and application of MS Office 2013 / MS-Project 2013.

Legal Knowledge and application: German Price Law (HOAI), award of contract and execution of works (VOB), EG-Sektorenrichtlinie, Civil Law, "rainbow" RYSG.GBW FiDiC Book 2017, Finance of PPP and **EU / EDF -General / Special Conditions of Contract** services, works and grants.

Present position: Contract Specialist / Time- and Cost planner, Dispute Avoidance /Dispute Resolution

Years within the firm: since 2002.

Key qualifications / Main project features

Names of assignment or projects: Hands-on Experiences for all vertical and horizontal infrastructures

Years: from 1981 to 2020

Locations: Germany / Europe, Asia, Africa, Near East > please refer to "regional experiences abroad"

Clients: Ministries, Authorities, private investors, Project Management Institutes, Consulting firms, and Construction Industry.

Main project features: All project life cycles in different functions for large scale projects up to \$2000 Million

Positions held:

Surveyor, Quantity surveyor, Designer, Calculator / Cost Estimator, Evaluator, Auditor, Assessor, Tutor, Lecturer, Project Manager, Supervisor, Superintendent, Technical + Financial Advisor, Contract / Claim Management, Dispute Avoidance and Adjudication Dispute Resolutions, Amicable Settlement, Conciliation, Arbitration Support via Expert's Opinions.

Activities performed

- **Sectors** : elaborated roads, bridges, tunnel, galleries, rails, water sector (purification, distribution, water treatment), energy sector (power plants) with adjacent functional buildings, industrial and residential buildings (sky scrapers)
- Working knowledge in all **EDF-project cycles** i.e. programming, identification, appraisal, formulation, procurement, Technical +Financial Evaluation committee for supply, service and works, award, implementation, Defect Notification period, Alternative Dispute Resolution, Period of **Operation** services/operation licence, **Maintenance**, Transfer to owner (BOOT).
- **EDF Project Management** in **Time, Cost, Quality, SHEs-Q + Gender Aspects** in **compliance** with "Contract": log frame Approach (Analysis), **log frame Matrix** (planning), Resource schedule and Work plan with recurrent Costs.

- Coordination, cooperation, leadership capabilities in more of 18 projects worldwide including **ACP countries**.
- **Design Reviews** including soil studies / **geotechnical investigations** and hydraulic analysis in mountainous areas (Himalaya, Hindukuh, Alps) to minimize the impact of exceptional risk claims for artificial obstructions or (unforeseen) physical conditions, application of **TRL ORN BS AASHTO / German Code** in consistency to all integral parts of all "Contract" documents.
- **Procurement** with **consistent tender documents to avoid ambiguities** between General/Special Conditions of Contract, Technical specifications-state of art-, proper design drawings, method of measurement and payment, BoQ-Schedules
- **Administration of projects in all project cycles** with Authorities, Project Management institutes, Consulting firms and Construction industry: supervision / superintendence, Administrative Orders, Addenda, Riders, **sureties** (pre-financing /advances, performance & retention), Inspection and testing / Quality Control, Work register, price revision, **breach of contract: suspension & termination**, force majeure/exceptional risk, provisional **acceptance** / taking-over, defects liability, final acceptance/performance certificate, **settlement of disputes** with foreseen procedural rules.
- **Quality Management, Quality Assurance and Quality Control:** EFQM, Design, Methodology of Implementation, Safety, supervision of appropriate Workmanship, Testing at Taking-over/Commission Certificate, Defect Notification Period, upon Performance / Completion Certificate.
- **Time Issues (EDF Article 35):** Delay + Disruption (productivity loss) Analysis / Forensic Investigation to identify the "Cause" from known "Impact" (Effect) by retrospective critical path analysis; contemporaneous CPA / productivity or cost-based methods; **MS-Project Tool/SCL**-orientations used
- **Cost Issues / additional payment (EDF Article 55):** Method of Measurement and Payments, Interim Payment Certificates, Final Statement of Accounts, **Valuation** of Variations/Modifications/Claims/Suspension, **Price Revisions** / Adjustments for changes in Costs and Legislation, **valuation upon date of Terminations**, and Disputes.
- **VARIATIONS + CLAIMs + PRICE ESCALATION & Determinations for RED, YELLOW, GOLD Book :** Claim Notices, Particulars to submit with Claim Request, continuing effects and recordings, instructions, Entitlements of **merits** and **quantum, consultations / negotiations** to reach an amicable settlement or fair, reasonable and neutral Determination / TA-Recommendations in compliance with the CONTRACT, esp. Art. 35 (Time) + Art. 55 (additional payments) for EDF.
- Law of **preservation of evidences, PPP procurement** and Bid Evaluation Guidelines (PPIAF, APMG-PP 2016) to tender PPP Projects) and he **transfers** all his plenty of theoretical and practical know-how, experiences and skills **as a tutor** to Authorities, PM-Institutes, and Construction Industry.
- **Alternative Dispute Resolution:** NoD-assistance with referrals/responses/rebuttals/rejoinders in Dispute adjudication (DRB/DB/DAB/DAAB), Amicable Settlement, **Conciliation (PRAG Annex)/**Mediation, Arbitration, and Litigation.
- **Risk analysis** inclusive SWOT matrix (internal & external aspects) to assess the outcome in all proceeding stages: (i) minimize the probability and/or impact of unfortunate events to ascertain the composite strength factor and to (ii) maximize the realization of opportunities to achieve the goal.
- **Monitoring & Evaluation & Audits:** technical and financial Audits, Result-oriented Monitoring (ROM), Evaluations, Project tracking and Trending, Re-planning of time and cost / contract price issues / financial arrangements, Assessments of compliance with the Conditions of all type of FIDIC Contract based on DAC-EDF Criteria: relevance/project design, efficiency, effectiveness, impacts, sustainability, and added value.
- **Training/Workshops** facilitated in PM, **Breakdown of Prices**, Contractor's Calculation with prime costs, direct costs, indirect costs, surcharges (FiDiC SC 12.3 Evaluation), Contract / Claim Management with Delay and Disruption Analysis with Time and Cost + profit – evaluation, computation & conclusion.
- **Autodidact** in law issues: UP2016 Unidroit principle of international commercial contracts, CISG, PECL: hardship, pacta sunt servanda ./ . clausula rebus sic stantibus / fundamental change in circumstances, impossibility, Doctrine of frustration.
- **MONTHLY PROGRESS REPORTS**, consistent Method of Measurement, and Payment Certificates in compliance with SC 04.21 and Clause 14
- Attained know-how, hands-on experiences, skills and **LESSONS LEARNED** has been gathered in all assignments since my commencement of professional life.
- **Specific regional experiences abroad**
 - EU: Germany, Austria, Georgia / Caucasus, Romania;
 - Africa-East: Kenya, South-Sudan, Uganda;
 - Africa-South: Rep of South-Africa, Malawi / Tanzania;
 - Africa-West: Liberia, Gambia, Ghana, Sierra Leone;
 - Africa-North: Libya;
 - Middle East: Saudi-Arabia, Yemen, Iraq / Kurdistan, Jordan, Palestine;
 - Asia: Afghanistan, Bangladesh, China, India, Myanmar/Thailand, Nepal, Pakistan, Philippines.

Employment Record with professional experiences: please refer to long version CV . www.aid21.de/13Long.pdf

Date from – Date to	Location	Company & reference person ¹ (name & contact details)	Position	Description
2002 – up to date	World wide	GuB GmbH	MD Contract+PM+M&E/Audits	Civil Engineer, Quantity Surveyor, and economist in all project live cycles, roles and several sectors: Studies, Procurement, Design reviews, Contract Manager with forensic disruption and delay analysis, Quantity Surveyor, Assessor for market values, cost estimators, evaluators, time, resource and cost planning + controlling, supervisor, superintendent, auditors.
09/2023 – as + when	Pakistan	MinConsult, Sheladia, Saman	Sr. Contract Expert	Design Review and Construction Supervision of Central Asia Regional Economic Cooperation Corridor Development Investment program (CAREC) N55 Tranche II and Tranche III Project (550 km), ADB loan to Pakistan Government.
06/2023-08/2023	Iraq	SweRoad	Procurement and Contract Expert	Technical Assistance in raising awareness on routine maintenance and preparation of Performance Based Maintenance Bid Documents for Expressway R7, R8, R9 (World Bank WB) HFG's parts to prepare (i) Operational Guidelines, (ii) Procurement strategy and models for bidding and contract documents for rehabilitation and routine / emergency maintenance referring to World Bank Standard Procurement Documents, (iii) Draft Tender Documents for R7, R8, and R9 Performance Based Rehabilitation and Maintenance Works inclusive TOR for supervision of Service contracts for the Client MoCH /RBD
12/2022 – 05/2023	Liberia	French M/C Consultant S/C GuB GmbH Katharina@GuB21.de	Contract Expert / TL	Technical Assistance for Infrastructure Implementation Unit @ Ministry of Public Works in Monrovia/Liberia. A _ Contractual issues addressed and explained: content of Progress Reports (FIDIC SC04.21), proper application of Price Fluctuation (SC13.8), PCC considerations, e.g. sole member of DAAB (SC20.2/20.3 Rad / Pink Book) B _ Workshops facilitated B1. Log frame approach (analysis) and LF matrix (planning) with the result-based schedules (time, resources, costs) B2. Obligations of the Parties (EMP, ENG / MC, CON) B3. PM Philosophy and Software application of MS-Project tool with practical exercises to WBS, sequences, dependencies, monitoring & evaluation. C _ Food for thoughts given about Organizational Design and Implementation to transform the IIU-entity to a semi/autonomous Road Agency under the supervision of the MPW. Note: Refer to Helmut F Giesa's other experiences to build up capacity and to enhance capabilities for engineers and MBAs. www.aid21.de/42FIDIC+EDF.pdf
A _ 05/2022 and B _ 06/2019 11/2022	Georgia	A _ KOCKS Consult Branch Georgia HO Germany GuB GmbH DE B _ UBM	Contract Expert Claim, Variation, Disruption and Delay Analysis	A _ East-West-Highway (Samtredia-Grigoletti) FIDIC Pink Book 12 km dual carriage way with 3 bridges and several underpasses with soft soil improvement at Black Sea area 6 months Design Review, 24 months supervision + 24 months DNP) B _ East-West Highway (Khevi-Ubisa Section) Improvement Project , 11 Tunnels, 18 Bridges and highways sections: Construction Supervision E60 – F2; Tasks: identify responsibilities of the parties, ensure insurance policies, assist in contract administration in general, contract / claim/variation management with advise Employer in adjudication & arbitration procedures (36 months supervision + 24 months DNP+EoT)
06/2019 – 10/2019	Georgia	MDF – Municipality Development Fund Georgia	Contract Specialist	Modernization of Tbilisi-Rustavi Road Section II – financed by MDF and ADB Tasks: Review / analysis of Engineer's Determination ; Analysis of potential claims/costs related to reduction of scope [omissions] and defend Client's position at the Dispute Board (DB) .
05/2019	Sierra Leone	Roughton International – ICS Ltd. - GuB	Lecturer	Facilitation of several workshops about OPRC / Output and Performance based Roads/Bridge Contracts – FiDiC DBO/M-T Design + Build +Operate / Maintain + Transfer
01/2019 – 04/2019	Bangladesh	ECCL Singapore	Contract Specialist / Mentor	Claim Management Advisor / Mentor for Construction Supervision Consultant of Padma Multipurpose Bridge and River Training Works (Dredging) with a Contract price of 1.6+1,2 Billion USD: contract administration in general and to cope with all legal provisions / evaluations of claims and variations for extension of time, costs plus profit in particular.
05/2018 –	Liberia	MCA-L / GoL –	Procurement	Member of the Tech and Fin Evaluation Panel (TEP) to procure CONSULTANCY Services + Works Contracts:

¹ The Contracting Authority reserves the right to contact the reference persons. If you have any objection to this fact, kindly state so and provide a justification

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12/2020		GuB GmbH	Specialist	Millennium Challenge Corporation (256 Mill MCC/US-AID financed), several short missions up to 12/2020, mostly Design + Build (YB) Contracts
08/2017 - 10/2017	India	Padeco Col Ltd / GuB GmbH / Walter Faidt Cooperation@GuB21.de Reference: www.AiD21.de/CV/2015HFG/TOC.pdf	Claim Management / Procurement Expert	Design, Construction, Installation, Operation and Maintenance Facilities of the Mumbai Trans Harbor Link (DBO) with EMP, EMoP, RAP, Intelligent Transport System ITS, toll plazas, operation control center, including 22 km long bridge sections, 6 lanes wide, 150-180 m spans , Investment 2800 Million USD; PMSC-Assistance in final Cost Estimate for buildings / MEP, roads and bridges, bidding / procurement procedure to clarify and evaluate the technical capacities and financial capabilities (i.e. Unit rate / prime cost analysis) of the Contractor's Bids and to facilitate Technology Transfer. The Plant, Design + Build project (based on Yellow FIDIC Book) is financed by JICA, based on Japanese ODA Loan / Bid Evaluation Guidelines 2015. Total Investment ~ INR 20.000 Crore; Construction Cost ~ INR 14.000 Crore / 2.150 Million (2,15 Billion) USD.
04/2017 - 07/2017	Pakistan	BMB Mott MacDonald Netherlands / GuB GmbH. Reference: www.AiD21.de/CV/2015HFG/TOC.pdf	Contract, Sub-Committee Member / Procurement	Finalize and Review two Tender Documents for dissemination, Pre-site visit clarification, Member of the Evaluation Committee to produce the Evaluation Report : Bus Rapid Transport System Peshawar + Karashi; financed by Asian Development Bank ADB. Investment: 250 Million USD. It is a Design + Build Projects (Yellow FiDiC Book) .
01/2017 - 01/2017	Palestine / West Bank & Gaza	GuB GmbH Reference Katharina@GuB21.de	Mediator	The nature of the Mediation is strictly confidential. The Mediator has even destroyed all notes and the legal implication has been agreed "without prejudice privilege" . Mediation Discrepancies of needs, rights, and interests have been settled by a guided process within one month only. The Mediator is not allowed to divulged any data (duty to keep confidential) about the disputing Parties, the Project, the Investment and the content of the satisfactorily achieved results, except (i) Pre-conditions of the Mediation have been met : both parties were ready and willing to participate, each party brought along legal representatives and competent / authorized decision makers. (ii) a guided interactive process resolved the conflicts , and (iii) a review and ratification / endorsement safeguarded the decision to become final and conclusive .
05/2016- 12/2016	Sierra Leone	FTL Company Managing Director of FTL Abiodun Oyebola aoyebola@firsttricon.com	Claim Management / Procurement + Contract Management Advisor	Construction of GOSL - financed Design + Build Roads, Bridges and Townships in the Eastern Provinces. Tasks: Technical, Financial and Contractual Project and Contract Management Advisor with discretionary power for Business development / Capacity Building to (i) the process of Procurement, Material flow / spare parts / filling station, pre-cast fabrication, Logistic / Transport, Construction Management (ii) Finance with financial monitoring system (iii) Claim Management complying with the "D+B-Contract" , UP2016 Hardship / doctrine of frustration, (iv) Administration Management / General Management for Roads, Bridges and Housing / Building facilities with a portfolio of 200 Mill USD.
12/2015 - 04/2016	South Sudan	Sheladia / PM of Ministry, Transport, Roads and Bridges James Alam alamj2@yahoo.co.uk	Contract Manager and Procurement	Contract Management / WB-Procurement. Ministry for Transport, OPRC - Roads & Bridges . Tasks: (i) Upgrade of Tender Documents for output and performance-based road contracts OPRC with Implementation (2years) and Routine and Periodic Maintenance (8 years), Emergency Works and Improvement upon Transfer for all Service Levels / Performance Criteria of paved and unpaved Roads inclusive Bridges: Bidding Procedure, Specifications, and Condition of Contract . (ii) Calculation Scheme, Price Break Down / Unit Rate Analysis (iii) OPRC-Training / Workshop for MTRB / Roads Authority in Juba.
08/2015 - 12/2016	Georgia	Padeco Ltd. / First Chairman of the Road Department , Nugzar Gasviani nugzar.gasviani@	Contract / Claim Manager	Contract / Claim Management for Ministry of Regional Development and Infrastructure for Georgia / Road Department . Three Lots of new constructions of Highways, 65 km, CONCRETE roads with 7 Bridges / intersections with ramps and bridges with building / maintenance and parking facilities financed by JICA (150 Mio. EUR). Contract Basis: MDB harmonized edition for Construction (FIDIC - red / pink book). Tasks: (i) Engineer's Determination of time- and value-related (15 Mio. EUR), and all other Claims (+5 Mio. EUR) referring to the Contract. (ii) Advices for DB-Referrals / Amicable Settlement / Arbitral awards (iii) Supporting the

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		georoad.ge		Employer in the DB Hearings for Dispute resolution.
04/2015 - 09/2016	Kenya	WYG Turkey Kenyan National Highway Authority , PM Daniel Cherono d.cherono@kenha.co.ke	Contract / Claim Management	EU-Technical Assistance for evaluation of contractual claims / Contract + Claim Management Training: Rehabilitation of Bridges a highway with asphalt concrete surfacing and building facilities, 120 km length. And Facilitator for FIDIC / MDB harmonized edition for Construction, AND EDF General/Special Conditions of Contract in context with EDF-Procurement PRAG_2014 – Two Trainings in Contract/Claim Management facilitated.
02/2013- Ongoing	Liberia; Sierra Leone; Myanma; Thailand; Germany	G u B GmbH / Walter Faidt Cooperation@GuB21.de	Freelancer Procurement Contract and Project Management Adjustor	(i) On-going Project Development of a technical, social (e.g. Temples) and economical (markets, clinics, pharmacy, community centers) infrastructure including “commercial production plant” (estimate 400 Mio. USD). The key element of the concept / pre-assessments are based on an ultramodern combustion process plant with carbonization at low temperature (German state-of-art) to produce Gas, Fuel, Fertilizer, activate coke, and Electricity for using of operation of transport fleet and distribution center (cooling systems for food security) to generate 5.000 employments in the agricultural sector. Project Finance of the humanitarian Development Projects via International Foundation / Trading in the second market. Qualified appraisals / assessments of the fair market value of real estate of Industrial Plants and Residential Estates for private or Bank customers Basic principles (WertVO, MaBV, BauNVO, BGB, HOAI §33/34); selection of methods (plot value, tangible assets, capitalized and realizable value) ; object types (property estate, industrial complexes, ownership /cadaster / mortgages). Preparation of (i) Technical Proposals (Approach, Organization + Methodology, Work programs) and (ii) Financial Proposals (calculation/cost determination of the tender prices) for different co-operation partners and donors: EU–Swaziland; WB–Liberia; UNOPS/SIDA– Afghanistan, AfDB–Gambia USAiD–Iraq, JiCA– Bangladesh, USAiD Afghanistan, EU St Lucia (PRAG/PCM), GIZ – Liberia, and others.
01/2011 - 01/2013	Ghana; Sierra Leone	R R I & GIZ Sierra Leone Roads Authority (SLRA), Mr. Munda E Rogers, Di-rector General e-mail: SLRA_DG@sierratel.sl www.AiD21.de/CV/2015HFG/11-RRI.pdf (more references on request)	Project Management Procurement and EDF Claim Mgmt Specialist; Team Leader	EU -TA to SLRA: Construction / Reconstruction / Rehabilitation of the Road network in Sierra Leone. Main project features: Technical Assistance – Technical Advisor / Team Leader / Project Management Specialist: Activities performed: Technical, logistic, financial, contractual and organizational Advises given in project administration, review of road design / build / operate and maintenance implementation: traffic count, axle load measurement with mobile weighbridges, geotechnical explorations and soil/material testing (DCP, CRB, PI,...), support in the entire procurement chain, review pavement structure (TRL Road note 29 + 31), surveying topics, optimization of horizontal and vertical alignment with Mass Haul Diagram, hydraulics calculation of drainage structures, review of structural design and calculation of Bridges, methods of measurement and payment / contractual recommendation in from inception up to commission to revert claims , terminations, Change Management / administrative Orders AO / Addendums / Revision of prices (VOP) / contract price escalation (CPA) in all project cycles with Training, Coaching and Motivation techniques of SLRA Engineers.
04/2010 - 01/2011	Sierra Leone	GoSL / SLRA Sierra Leone Roads Authority (SLRA) Mr. Munda E Rogers, Director General mundarogers8@gmail.com	Technical and Contractual Advisor, EDF Procurement / Contract, Claim Management	Technical Advisor to Sierra Leone Roads Authority Services delivered as reviewer of design and tender documents, procurement, project manager, supervisor, Construction / Reconstruction / Rehabilitation of the Road network in Sierra Leone. Main project features: Technical Assistance – Contract Management Specialist / FiDiC and EU-GCC/SCC. Financing: Government of Sierra Leone (NAO) / European Union EU. Project Cost: Road Construction 150M Euro for supply services and works contracts (Roads and Bridges) and Performance based Management and Maintenance Contracts (compare FiDiC Gold Book: Design, Build, Operate and Maintain). Activities performed: Advises / contractual recommendation in all project cycles with Training and Coaching.

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			Procurement Support	Preparation of Tender Documents and Design Review with Variation of Price / VoP-formulae for proportional and mono-material (CEM, BIT, RIS). All aspects of Procurement Procedures in line with EU , WB, AfDB and other donor regulations/guidelines: Evaluation-Team Member to assess Consultant's / service Proposals and Contractors works bid. Technical Advise in financial, technical, logistical and organizational project management , Design review, Procurement, Evaluations and esp. Supervision during site visits of roads and pre-stressed concrete bridge construction . IPC / Revision of Prices checked. Delay + Disruption Analysis with network tools. Achievement: 15 Mio. USD Termination - claim averted
03/2009 - 03/2010	Sierra Leone	Louis Berger. Sierra Leone Roads Authority. Financed by EU. Pascal HOUDEAU. phoudeau@louisberger.com	EDF Contract + Claim, Technical Advisor Procurement	EU-Technical Assistance TA to SLRA : Construction / Reconstruction / Rehabilitation of the Road network in Sierra Leone. Main project features: Technical Cooperation – Contract Management Specialist / FiDiC / EDF / EU-GCC/SCC for all type of highways and bridges . Follow up of two Terminations. Financing: Government of Sierra Leone (NAO) / European Union / of the EPC/Turnkey Project (similar Gold FIDIC book) with DBOMO (design, build, operate, maintain and own). Project Cost: Road and minor structural Construction 150M Euro for Supply, Services and Works Contracts . Activities performed: Advices / contractual solutions in all project cycles inclusive Procurement, Evaluation, Award with Training and Coaching and Contract Administration with Delay + Disruption analysis based on productivity and costs (earned value analysis).
10/2008 – 03/2009	Libya	General Cont. Siemens Bertrand Laine, Site Manager E&M – Libya bertrand.laine.ext@siemens.com	Superintendent / Liaison Officer	Construction of a Substation / Switchgear Building of 400 KV and 66 KV in Ghadames / Libya. Main project features: Silver Book FiDiC / EPC-Turnkey Contract - Construction of the 400 KV and 66 KV SS with functional, social and administrative Buildings , pipelines, sewer systems, water supply in rocky surroundings, concrete access roads. Financing: Government of Libya in conjunction with the World Bank. Project Cost: 120 Mio. Euro / civil works around 6 Mio Euro. EPC/Turnkey Project (similar silver or gold FIDIC book) with DBOMO (design, build, operate, maintain and own) . Activities performed: Overall-Coordination / superintendence / supervision of extensive reinforced concrete works / material / tools / equipment deliveries on site, Quality Control (e.g. sequence and procedure of construction, LAB-Tests) of civil works, QS / measurement and payment, reporting to the HO.
02/2008 – 09/2008	India	Siemens / GuB Gustav Jantsch, EPC – Coordinator gustav.jantsch@siemens.com	Superintendent / Liaison Officer	Construction of two HVDC bi-pole Converter Stations, +/-500 KV / 2.500 MW incl. ground electrode stations with AC-switchyard extension 132 kV with concrete access roads. Overall-Coordination of the engineering, procurement and construction / supervision with Claim Management of the execution of "concrete" and "steel" works.
07/2007 - 09/2007	China	Drees & Sommer/Airbus	Consultant Advisor and Project Controller	Final Assembly Line FAL-C Airbus A319/A320 in Tianjin, P.R.C./China. Main project features: Construction of civil and building works for the huge aero-industrial Project with extensive overlapping bored pile walls and in some areas with 20m deep steel pilings in the black cotton ground (clay). The Hangars and assembly halls have a length of 800m. And construction of extended concrete tax ways for the heavy duty plane operations (testing areas). Financing: Airbus / Chinese Government (Chin. Aeronautical Design and Project Institute CAPDI). Project Cost: 300 Mio. Euro of a Private and Public Financing Initiative (PPFi) – similar a Silver Book FiDiC contract (EPC/Turnkey) . Activities performed: Advisor and Emergency Project controller / Time Scheduling for the Final Assembly Line esp. the power house to supply the entire project with electricity and Claim Management to prove with a forensic examination the entitlement for Time and Cost (delay + disruption analysis)
2007	Germany	Alstom / GuB Alain Cailler General Construction Manager ;	Supervisor and Contract Management	Coordination of the design and supervision of all "steel and re-enforced concrete" works, pipe laying, road construction like ABB-Project in Iraq and preparation of Claims for the EPC-Contractor. Claim Management to prove with a forensic examination / networking the entitlement for Time and Cost.

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		alain.cailler@power.alstom.com		
08/2006 - 05/2007	Iraq; Jordan	ABB / Jürgen von der Au EPC, Project Leader Head Office, ABB Mannheim e-mail: juergen.von_der_au@de.abb.com	Project Management , Construction Supervision Coordinator	Construction of a 450 MW Gas Power Station with the extension of combined cycle to 900 MW. Main project features: FiDiC – EPC / Turnkey-Contract - Construction of a 450 MW gas power station with all technical and social buildings + other infrastructures esp. reinforced concrete elements / extensive concrete delivery areas, 4 huge steel tanks for 20.000 m3 fuel, several hundred meter man-size “open cast” tunnel systems for the utilities, and 4 km asphaltic / concrete roads. Financing: private Investor with Kurdish Regional Government / EPC/Turnkey similar Silver Book FiDiC and DBOO Service (design + build + operate + own) . Project Cost: 200 Mio. Euro; EPC / Turnkey Contract (Silver Book FIDIC). Activities performed: Design coordinated and Execution of re-enforced concrete and steel Works supervised. Daily Coordination of ten site agents of the subcontractors / 700 workers on site with Time – and Cost Schedules. Claim Requests to prove with a forensic examination (prospective / contemporaneous approaches) to prove the entitlement for time prolongation and cost compensation .
2005-up to date	Germany	Brinkmann Law firm / GuB RechtsanwaltBrinkmann@yahoo.de	Expert’s opinion	Support to Law firm up to date: technical, financial and contractual assessments of claims for extension of times and extra payment. Dispute resolution by Mediations, Conciliations, Arbitrations and Litigation by application of procedural rules and proper proceedings applying delay and disruption analysis, fair evaluations of costs and profit, and amicable settlements to reach awards by consent with final and conclusive decisions: Support in seven cases of Mediations (Conciliations), Arbitrations, and recourse to ordinary courts / Litigations . Duties: Prepare and interpretation of the Contract law in compliance with the conserved documentary evidences , technical specification, method of measurement and payment , drawings, Bill of Quantities, Determination of extension of time, Valuations of design variations and claims due to inconsistency or unforeseeable events or circumstances. Presentation of the entitlements of Merit phase (in principle accepted / rejected) and the Quantum phase (time and costs plus profit), expert's conclusion in the witness box about his own position .
01/2005 - 02/2006	Afghanistan; Germany	GuB, GmbH / Asman Abi Tulu (AAT) / Fatlind Malaj, Kosovo-Albania e-mail: fatlindmalaj@hotmail.de	Technical Advisor Project Manager	General Management. Afghan-German Cooperation between GuB, GmbH / Asman Abi Tulu (AAT). Main project features: Infrastructures in civil (roads, minor bridges with reinforced concrete), sewer and building trade / FiDiC. Technical and financial advice and support for AAT. Financing: Private Enterprise. Activities performed: Coordination and Support for Acquisition, Bid preparation and Calculation, Design, Procurement and Supervision, Quantity Survey and Method of Measurement and Payment and Claim Management with prove of critical / subcritical path for Extension of Time and extra / additional payment (delay+disruption cause-effects).
01/2004 - 12/2004	Afghanistan	IBG Gauff /GuB Consultants	Consultant Coordinator, Resident Engineer	Road Reconstruction Programme for Kunduz / Emergency rehabilitation of roads , two reinforced bridges with constant cross-sections / Length approx. 7 meters and 15 culverts of 14 km town roads with asphaltic concrete wearing course as a Design / Engineering, Procurement and Build / Construction Contract (EPC-Contract). Financing: German Ministry of economic cooperation and development (BMZ) with KfW. Project Cost: 3.5 Mio. EURO. Activities performed: Initiation, technical, logistic and financial administration / of Design, Procurement and Supervision of the execution of the asphalt and concrete / bridge works Design + Build + Operate + Transfer concept: DBOT / EPC – FiDiC ; Coordination of all key stakeholders and Supervision; Variation and Revision of Prices, Incidental Budget control of 3,5 Mio. EURO with Lexware Prof. Financial Database.
01/2001 - 12/2002	Germany	German Railway Authority Hans-Joachim Dunsch Head of Contract Department	Procurement Contract + Claim Management	Re-engineering and improvement of the purchase procedure of engineering and construction services. Review and evaluation of the Contractor's submitted claims related to additional railway and bridge works. Negotiations with the Contractor's representatives to defend portions of the claims for the Client. Delay analysis / simulations for loss of productivity and loss of time (network tool). Achievements: minus 40% claim negotiation
06/2001 - 08/2001	Romania	Seib Consultant	Consultant	Upgrade of the Infra Trans-European Transport Net-work, Corridor IV . Upgrading measures of the existing roads

Date from – Date to	Location	Company & reference person ¹ (name & contact details)	Position	Description
		Hans Seib, MD / CEO, Owner. Financed by EU / Phare Studies	Highway Engineer	by field investigations. Coordination and preparation of feasibility studies with survey, geotechnical explorations, soil/material testing, pavement design, optimization of alignment with mass haul diagrams and production of tender documents and database for cost estimates / "Construction" (Red-FIDIC Book)
01/1999 - 12/2000	Germany	IPM / Deutsche Bahn (DB)/Railway Authority, Netz AG / -	Procurement & Contract Manager	Contractual Procurement / Supply Department of the railway authority. Procurement of all HOAI-service, VOL-supply and VOB-work contracts for all "railway" structures like Steel / composite Bridges, Cast in Box Girders, incremental launching methods / timed shifting and Tunnels in Munich and negotiations with the contractors to defend their claims. Delay + Disruption analysis / simulations for causes – effect relationship to identify the entitlement for time + monies claims (merits + quantum Time+Cost valuations) , Achievements: approx. 40% claim amounts reduced by tough negotiations and well-organized Data Management. Assistance in the purchase department to procure engineering and construction services: Acknowledgement of orders. Claim Management / Settlement of Disputes. Review of the submitted claims to the Client. Negotiations to find an amicable settlement to defend portions of the claim (VoB Part A + B + C).
07/1995 - 12/1998	Germany	Drees & Sommer / - Ref Prof. Sommer	Project Management , Procurement Contract Management	Project management contract to implement. 07/1995 - 06/1997: Public utilities in Mannheim with construction of arch halls for parking and repair, road and railway network on the depot and halls, bored piles for foundations, outside facilities with electrification poles, pavement of concrete, cobbles and asphalt 07/1997 - 12/1998: Huge Turn-key building projects of the Potsdamer Platz / Berlin Germany comprise of five turn-key buildings up to 25 floors with 5 Underground floors for parking / storage areas, HVAC (Heating, ventilation, air con) central stations. Operational Depots in Mannheim. Turnkey Sky scrapers in Berlin. Activities for the Operation depots: Review of Tender Docs of the General Designer for building, civil and railway works, Cost Estimate, Evaluation of bids, Evaluations reports, Recommendations for award of contract. Time Schedule, monitoring, re-planning measures, contractual appreciations of contractor's claims (Delay / Disruption in Time and Costs plus profit) and overall coordination of the consultant and contractors. Activities for six high rising buildings (150 000 m2 gross floor area) Turnkey Project performed and delivered: Review of Tender Docs of the General Designer for building, civil and railway works, Cost Estimate, Evaluation of bids, preparing the decision-making memos to the Client based on German Procurement and Execution of Works Regulations (VOB Part A + B + C) for quality, time and cost controls and monitored the entire construction process. MS-Project and special Cost Software has been used for Claim Management with prove of critical / subcritical path for Extension of Time and extra / additional payment (delay + disruption cause-effect relationship).
01/1992 - 12/1992	Germany	FiEGL / -	Construction Superintendent, Project Manager	Roads Authority, Financed by Ministry of Transport. Construction of the Bundesstraße B13. By-pass Gunzenhausen – Aha. Main project features: Construction of carriageways, 1 major bridge in reinforced concrete, Length approx. 55 m. Management of road construction. Co-ordination of subcontractors. In charge of quantity survey and all contractual procedures and matters including the relevant negotiations to settle the claim issues.
05/1987 - 06/1987	Tanzania & Malawi	GITEC Consult M.P. Giesler, owner – MD Financed by Ministry of Works and Transport	Consultant, Highway Engineer , Survey Engineer	Northern Corridor Project (NCP) from Dar-es-Salam – Mybea – Chipoka – Chilumba – Monkey Bay. Preliminary and detailed design (architectural, mechanical, electrical and loading devices) and coordination of the interdisciplinary tender documents. Field reconnaissance of the existing situation. Detailed engineering design. Preparation of tender documents (technical specifications, conditions and provisions of contract) including the Co-ordination of the sub-contractor's architectural, mechanical, electrical and loading services of the port facilities (storage buildings, administration, gantry cranes, docks/quays) railways, and road transport.
01/1984 - 12/1986	Rep. of South-Africa	Dr. Volker F Claus, LTA – MD – Director Financed by	Construction Planning and Costing Engineer	Re-Construction of a 51 km portion of national route 3 section 7 and 8 from Harrismith to Warden. Construction of a four lane, single carriageway, under a half-width sequence of construction / under traffic - with a huge intersection (Bridge Construction with four ramps at Warden) and facilities. Site supervision and project management / Time Scheduling applied with the assistance of mass haul diagram, PM-Techniques, Project tracking and trending methods.

Date from – Date to	Location	Company & reference person ¹ (name & contact details)	Position	Description
		MoWT		

FACT SHEET ... www.aid21.de/TOC123.pdf

Other relevant information (e.g. Publications):

A Thesis: Town planning and Transportation in Rural Areas.

Research of rural traffic movement including a draft of a census-paper. A poll was performed (field works of several weeks) to get basic data to develop suggestions for improvements of infrastructure measures in public transportation systems / public means.

B Training / Coaching / Mentoring / Lecturer (Know-how transfer)

Facilitated more as 40 courses: **project cycle management** (EDF PCM_2004),

Procurement procedures (EDF -PRAG2012...), Cost Estimate for large scale infrastructure projects, Preparation of **Tender Dossiers** with all administrative, technical and contractual Parts, Construction Management in Roads, Bridges, Buildings with , Quality Management, Risk Management, Quantity Survey (QS), **Sureties, EDF** – and

FIDIC Contract / **Claim Management and Dispute Resolution (i.e. Mediation, Conciliation–PRAG Annex)**, Output- and Performance based Roads (Bridge) Contracts / OPRC with Bidding Procedures, Employer’s Requirements / Specifications and provisions, Conditions of Contract / Contract Forms (similar DBO FiDiC). Autodidact / self-education / “life time learning” in all type of knowledge,

i.e. Contract Law, Tort Law, **law of conservation of evidences**, Procurement and Bid Evaluation Guidelines of different Donors and esp. for

Public Private Partnership: PPIAF / APMG - PPP Guides for Procurement Procedures 2016, Chapter 1 – Chapter 8 has to be applied for the Procurement procedures and Tendering of Public Private Partnership (PPP) projects.

C Workshop facilitated for Knowledge Transfer for this Assignment www.aid21.de/42FIDIC+EDF.pdf

(i) EU - PCM_2004, **Project Cycle Management** – entire Guide Guidelines,

(ii) EDF - PRAG, Practical guide for **Procurement and Grants** for European Union external actions, a practical guide,

(iii) EDF **Conditions** of Contract GCC / SCC and FIDIC –red book / pink book MDB + yellow book (P D+B) + Gold book (DBO/M).

Long version CV www.aid21.de/13Long.pdf , short version ADB www.aid21.de/11ADB.pdf and other certificates, references, graduations of Helmut F Giesa can be accessed via **Fact Sheet:** www.AiD21.de/TOC123.pdf