

**FORM TECH-6 (Asian Development Bank)  
CURRICULUM VITAE (CV)**

- 1. Position Title and No.:** **Technical, Financial, Administrative, Logistical and Contractual Management**  
Senior Contract Specialist in Procurement / Claim Specialist / Variation / Change Management, MoM&P/QS + (Alternative) Dispute Resolution ADR + Arb
- 2. Name of Firm:** Individual Independent Consultant
- 3. Name of Expert:** Helmut F Giesa
- 4. Current Residential Address:** Germany, Weissenburg (Bavaria)  
Mobile Phone +49 172 821 1831 (Whatsapp), Fax : +49 9141 3919  
E-Mails: [Helmut@aid21.de](mailto:Helmut@aid21.de)
- 5. Date of Birth:** 24.04.1957 [www.AiD21.de/TOC123.pdf](http://www.AiD21.de/TOC123.pdf)  
**Country of Citizenship:** Germany only

**6. Education:**

- Post-graduate studies of ECONOMICS/Accounting / Financial Management as a part-time student, University in Hagen, Germany, 1988 – 1993
- Graduation in CIVIL Engineering/Town Planning/Transportation, Dipl.-Ing. Univ. (=MSc equivalent), Technical University of Munich, Germany, 1975-1981
- Degree in Surveying/QS – Engineering, Dipl.-Ing. (FH) (=BSc equivalent) University of Applied Science in Munich, Germany, 1970- 1973

**7. Membership in Professional Associations and Publications:**

- Member of the German Institution of Arbitration / DIS (Schiedsgerichtsbarkeit):  
ADR: Conflict Management Strategies, expedited proceedings, Adjudications, Amicable Settlements, Conciliation / Mediations, and Arbitrations for all “rainbow” FiDiC / EDF / German VOB.
- VSVI (Society for Road Construction and Transportation Engineers) / GPM (Association for Project Management) / DVP (German Association of Project Controllers) / VDI (Association of German Engineers)

**8. Other trainings:** Autodidact in legal doctrines (Unidrot principle UP2016, CISG, PECL, contra proferentem rules, pacta sunt servanda ./ clausula rebus sic stantibus, impossibility, doctrine of frustration, forensic delay + disruption analysis with cost and time scheduling, DAAB2017, Mediation/Conciliation, alternative Dispute Resolution, Arbitration.

**9. Countries of Works Experiences:**

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; Near/Middle East: Saudi-Arabia, Yemen, Iraq / Kurdistan, Jordan, Palestine;  
Asia: Afghanistan, Bangladesh, China, India, Myanmar/Thailand, Nepal, Pakistan, Philippines.

<b>10. Language Skills:</b>	<b>Speaking:</b>	<b>Reading:</b>	<b>Writing:</b>
German	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent

**11. Employment Record**

(long version CV : [www.AiD21.de/13Long.pdf](http://www.AiD21.de/13Long.pdf))

From Date To Date	Location	Company	Position held	Description / Project features
				Fact sheet : <a href="http://www.aid21.de/TOC123.pdf">www.aid21.de/TOC123.pdf</a>
06/2023 to 08/2023	43 Iraq	SweRoad	Procurement and Contract Expert	Technical Assistance in raising awareness on routine maintenance and preparation of <b>Performance Based Maintenance</b> Bid Documents for Expressway R7, R8, R9. HFG’s parts to prepare (i) Operational Guidelines, (ii) <b>Procurement strategy</b> and models for bidding and contract documents for <b>rehabilitation and routine / emergency maintenance</b> referring to World Bank Standard Procurement Documents, (iii) <b>Draft Tender Documents</b> for R7, R8, and R9 Performance Based Rehabilitation and Maintenance <b>Works</b> inclusive TOR for supervision of <b>Service</b> contracts for the Client MoCH /RBD

From Date To Date	Location	Company	Position held	Description / Project features
12/2023 to 05/2023	42 Liberia	M/C French Consultant,  S/C Sub-Consultant  GuB GmbH, Germany  <a href="mailto:Katharina@GuB21.de">Katharina@GuB21.de</a>	Contract Expert TL	<b>Technical Assistance for Infrastructure Implementation Unit @ Ministry of Public Works in Monrovia/Liberia.</b> A _ <b>Contractual issues</b> 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 _ <b>Workshops facilitated</b> 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 <b>Organizational Design and Implementation</b> 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 <b>capacity</b> and to enhance <b>capabilities</b> for engineers and MBAs. <a href="http://www.aid21.de/42FIDIC+EDF.pdf">www.aid21.de/42FIDIC+EDF.pdf</a>
06/2019 - 11/2022	41 Georgia	KOCKS Consult Branch Georgia HO Germany  <b>GuB Germany</b>  UBM	Contract Expert Claim Specialist Variation Changes Time, Resource and Cost planner, Evaluator	<b>A _ East-West-Highway (Samtredia-Grigoletti)</b> 12 km dual carriage way with 3 bridges and several underpasses with soft <b>soil improvement</b> at Black Sea area 6 months Design Review, 24 months supervision + 24 months DNP). Terminated contract, Works re-tendered. <b>B _ East-West Highway (Khevi-Ubisa Section) Improvement Project</b> , 11 Tunnels, 18 Bridges and highways sections: Construction Supervision E60 – F2; Tasks: identify responsibilities of the parties, ensure insurance policies, assist in <b>contract administration</b> in general, contract / <b>claim/variation</b> management with advise Employer in <b>adjudication &amp; arbitration</b> procedures (36 months supervision + 24 months DNP+EoT)
06/2019 - 10/2019	40 Georgia	MDF – Municipality Development Fund Georgia – <b>GuB GmbH</b>	Contract Specialist	<b>Modernization of Tbilisi-Rustavi Road Section II –</b> financed by MDF and ADB Tasks: Review / analysis of <b>Engineer's Determination</b> ; Analysis of potential claims/costs related to de-scoping <b>[omissions]</b> and defend Client's position at the <b>Dispute Board (DB)</b> .
05/2019	39 Sierra Leone	Roughton International – ICS Ltd. - <b>GuB</b>	Lecturer	Facilitation of several <b>workshops</b> about <b>OPRC***PPP + O&amp;M</b> /Output & Performance based Roads/Bridge Contracts – FiDiC <b>DBO/M-T</b> Design + Build + Operate / Maintain + Transfer
01/2019 - 04/2019	38 Bangladesh	ECCL (JV Ex, PEC, KEC ACE, Devcom)	Contract Advisor / Mentor	Padma Bridge: Contract administration in general and to cope with all legal provisions / evaluations of claims and <b>variations for extension of time, costs plus profit</b> with delay analysis in particular: 2,8 bn USD
05/2018 12/2020	37 Liberia	MCA-L Cardno	<b>GuB</b> / HFG Procurement / Evaluation	MCC - Member of the Tech and Fin Evaluation Panel (TEP) to procure CONSULTANCY Services and Works Contracts: 256 Mill MCC/US-AID financed; <b>Design + Build</b> (Yellow Book), mostly in the Water Sector, extended to Dec 2020
M1: 04/2018	36 Gambia	<b>GuB GmbH</b>	Consultant	Business Development: technical, financial, administrative Capacity upgrading of <b>structural and process organisation</b>
11/2017-on-going	35 Sierra Leone	<b>GuB GmbH</b>	Advisor	Business Development / Private Financing Initiative (PFI), Construction of a Engineering+Procurement +Construction <b>EPC</b> commercial building and trading; annual missions

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08/2017 10/2017	34 India	Padeco, India <b>GuB</b>	Cost Estimator	JICA Mumbai Trans Haber Link including 22 km Bridges (Road Transport); Investment ~2,8 Billion USD, Design + Build (YB)
04/2017 07/2017	33 Pakistan	BMP MMP	Procurement / Evaluation	ADB –Yellow Book: Bus Rapid Transport System Peshawar, on elevated Bus lanes, supported by piles (400 MUSD)
03/2017	32 Sierra Leone	<b>GuB</b> / HIFAB	Acquisition	Road Asset Management; 500 km Feeder Roads, paved and unpaved Roads, <b>OPRC***PPP + O&amp;M</b> (DBOM)-Tec + Fin Bid, 1 mission.
Jan 2017	31 Palestine	<b>GuB</b>	Mediator	Alternative Dispute Resolution (strict confidential)
05/2016 12/2016	30 Sierra Leone	First Tricon	Advisor, Contract / Claim	Yellow Book : Construction of GOSL - financed Design + Build Roads/Bridges and Townships Portfolio 200 Mill USD
12/2015 04/ 2016	29 South-Sudan	Sheladia, USA	Procurement and Contract Management	WB-Procurement / Contract Management > Ministry for Transport, Roads & Bridges; Upgrade of Tender Docs for output performance based road contracts (DBOM)
02/2016- 03/2016	28 Uganda	TIEG/	Technical Advisor	EU-TA in Design, Business Development& Environmental Policy and Management to the UNRA [UG Nat. Roads A.]
08/2015 – 12/2016	27 Georgia / Caucasus	Padeco, Japan	Contract / Claim Manager	Contract / Claim Management for Ministry of Regional Development and Infrastructure for Georgia / Road Department. Financed by JICA (150 Mio. EUR). RED MDB
04/2015- 09/2016	26 Kenya	WYG Turkey	Contract / Claim	EU-TA: Evaluation of contractual Claims: Rehabilitation of 120 km Highway / Bridges (asphalt with concrete BC) and Training
Nov 2013	25 China	Particip	Auditor	EU-ROM / Result oriented Monitoring Mission, Aviation.
2010- 2012	24 Ethiopia	Vergnet / <b>GuB</b>	Administrator	WB - Construction Ashegoda Wind farm (Mekele) for EEPco Investment: 0,45 EUR/KWh at a 55 m hub height.
2013 - 2015	23 Myanmar	Consultant <b>GuB</b>	Advisor / Evaluator	Privat : Project Development of a socio-economic project with a “commercial production plant” – on hold.
2009- 2013	22 Sierra Leone	Consultant RRI &GIZ,	TA Contract	EU-Institutional Capacity Development, Contract Claim Management Red Book and EDF / EU + <b>PPP/OPRC O&amp;M</b>
2009	21 Libyen	Siemens	Superintendent / Liaison Officer	WB Converter Station / EPC – Turnkey (Silver Book) – Implementation Civil Works, Access Roads
2008	20 Indien	Siemens <b>GuB</b>	Superintendent / Liaison Officer	WB Converter station HVDC2500, 500 KV / EPC-Turnkey - Implementation (Silver FiDiC Book)
par2007	19 DE	Alstom	Contract Mgmt	GuD Powerplant – Implementation Civil Works, Access Roads
2006 2007	18 Irak	ABB / <b>GuB</b>	Superintendent	Priv: GuD Powerplant+Converter station, D+B (Yellow Book)
2006	17 Liberia	Hydroplan / <b>GuB +</b>	Team Leader, Technical Advisor	NAO / GoL, Water Purificaiton Plant, Booster / Pumping Station, Mains-Netzwork, Design + Build (Yellow Book)
2005	16 DE / AFG	Consultant	Project Manager	Infrastructure Building + Roads (Red Book)
2004	15 Afghanistan	IB Gauff	Resident Engineer /	Design + Build : Roads + Bridges (parital Yellow Book)
2003	14 DE	Socotec / <b>GuB</b>	Consultant	<b>Railway Projects</b> , Akquistion – HOAI, VOB
2001- 2002	13 DE	Authority DB Netz	Contract / Claim	<b>Railway Network</b> , service and works contracts, Contract/Claim Management
2001	12 Romania	Seib	Consulting Eng.	Studies / Design Road Construction (Red Book)
1999- 2000	11 DE	Authority DB Netz	Purchase / Contract / Claim	<b>Railway Network</b> / Purchase of Service and Works Contracts, Claim Management (German VOB)
1995- 1998	10 DE	Drees & Sommer	Projektmanager	(a) <b>Tram (Rail + Roads)</b> and Omnibus Depot Mannheim (50 Mill Euro) (b) Turnkey sky scrapers in Berlin (300 Mill Euro)
1994	9 DE	Hochtief-WF	Coordinator, Time Scheduler	Water Treatment plant, Operational Buildings Waßmansdorf / Berlin with access roads (concrete + asphalt)
1993	8 DE	Roads Authority	Project Manager / Contract Manager	Administration of Roads and Bridges in Central Franconia, German VOB
1992	7 DE	Fiegl	Superintendent	Asphalt roads, sewage system, water treatment plant

From Date To Date	Location	Company	Position held	Description / Project features
1991	6 Nepal	Lahmeyer	Design + Cost Engineer	Review of Studies Road Construction, Tunnel design and Hydro Electric Power Plant
1990-1991	5DE	Lahmeyer	Design+Supervision	Roads + Tunnel, <b>Railway freight terminal</b> / Reloading Station (next to airport); <b>Highspeed railway tracks</b> with tunnels between Nueremberg-Munich, Waste Deposite
1989	4DE	Michel	Superintendent	Solid Waste Disposal site with infrastructure
1987 / 88	3 Yemen, Malawi	GiTec	Design+Supervision	Railways, Roads and Harbour facilities
1984 / 86	2 Südafrika	LTA	Cost - / Planning	Road / Highway construction : planning + costing engineer
1981-1983	1 Saudi-Arabien	Held & Francke	Surveying, Calculator, Cost Estimator	Road-/ Highway + Bridge Construction; Calculation of Industrial Cement Plants and Highways / Bridges.

## 12. Adequacy for the Assignment / 13. Special Works undertaken that best Illustrates Capability to Handle the Tasks

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks for Contract / Claim / Variation / Change Management
<h3 style="color: red;">General overall view / General experiences, skills and know-how from 1981 – 2023</h3> <p><b>Names of assignment or projects:</b> Hands-on Experiences for all vertical and horizontal infrastructures</p> <p><b>Years:</b> from 1981 to 2023</p> <p><b>Locations:</b> Germany / Europe, Asia, Africa, Near East &gt; please refer to “regional experiences abroad”</p> <p><b>Clients:</b> Ministries, Authorities, private investors, Project Management Institutes, Consulting firms, and Construction Industry.</p> <p><b>Main project features:</b> All project life cycles in different functions for large scale projects up to \$2000 Million</p> <p><b>Positions held:</b> 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.</p> <p><b>Activities performed</b></p> <ul style="list-style-type: none"> <li>• <b>Sectors</b> : elaborated roads, bridges, tunnel, galleries, railways, water sector (purification, distribution, water treatment), energy sector (power plants) with adjacent functional buildings, industrial and residential buildings (sky scrapers)</li> <li>• Working knowledge in all <b>EDF-/Donor project cycles</b> 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 <b>Operation</b> services/operation licence, <b>Maintenance</b>, Transfer to owner (BOOT).</li> <li>• <b>EDF Project Management</b> in <b>Time, Cost, Quality, SHEs-Q + Gender Aspects</b> in <b>compliance</b> with “Contract”: log frame Approach (Analysis), <b>log frame Matrix</b> (planning), Resource schedule and Work plan with recurrent Costs.</li> <li>• Coordination, <b>cooperation</b>, leadership capabilities in more of 18 projects worldwide including <b>ACP countries</b>.</li> <li>• <b>Design Reviews</b> / structural analysis including soil studies / <b>geotechnical investigations</b> and hydraulic analysis in mountainous areas (Himalaya, Hindukush, Alps) to minimize the impact of exceptional risk claims for artificial obstructions or (unforeseen) physical conditions, application of <b>TRL ORN BS AASHTO / German Code</b> in consistency to all integral parts of all “Contract” documents.</li> <li>• <b>Procurement</b> with <b>consistent tender documents to avoid ambiguities</b> between General/Special Conditions of Contract, Technical specifications-state of art-, proper design drawings, method of measurement and payment, BoQ-Schedules for different deliveries (Construction, Design, Build, Operate/Maintain, Transfer – BOOT) with Public Private Partnership.</li> <li>• <b>Administration of projects in all project cycles</b> with Authorities, Project Management institutes, Consulting firms and Construction industry: supervision / superintendence, Administrative Orders, Addenda, Riders, <b>sureties</b> (pre-financing /advances, performance &amp; retention), Inspection and testing / Quality Control, Work register, <b>price revision</b> with specified formulas, <b>breach of contract: suspension &amp; termination</b>, force majeure/exceptional risk, provisional <b>acceptance</b> / taking-over, defects liability, final acceptance/performance certificate, amicable <b>settlement of disputes</b> with foreseen procedural rules (DAAB, Conciliation, Mediations)</li> </ul>	

- **Quality Management, Quality Assurance and Quality Control:** EFQM, Design, Methodology of Implementation, Safety, supervision of appropriate Workmanship, Testing upon Taking-over/Commission Certificate, Defect Notification Period, upon Performance / Completion Certificate and Operating Licence and operation service.
- **Time Issues** (EDF Article 35 / FiDiC Clause 8+12+13+20): 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 / FiDiC Clause 12): 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 for Unit Rates but not for Provisional sums and new rates/prices, **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.
- **OPRC \*\*\* PPP + O&M** (Operation and Maintenance) **policies**, legal and regulatory framework, institutional arrangement, financial /funding support, strategy plans about SPV / operator models, requirements, environmental and social framework, budgeting, cost estimates, value for money analysis, implementation + O&M-Concessions/Manuals. Economic financial (EcoFin) viability/efficiency analysis & calculations with benefit/cost ratio, revenue stream /cost ratio, Economic internal Rate of Return EIRR, net present Value NPV.
- 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 ... [www.aid21.de/42FIDIC+EDF.pdf](http://www.aid21.de/42FIDIC+EDF.pdf)
- **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 work.

### Particular Experiences, Skills and Know-how obtained

**41 Name of assignment or project:** East-West Highway (Khevi-Ubisa Section) Improvement Project, **Location:** Georgia  
**Client:** RD MRDI, ADB co-financed

**Main project features:** 12.2 km long dual carriageway with 22 Tunnels, 36 Bridges and Highways sections

**Position held:** Senior Contract / Claim Manager / Variation Expert

**Activities performed:** Contractual correspondence in every respect, based on MDB 2010 Construction.

**40 Name of assignment or project:** Modernization of Tbilisi-Rustavi Road Section II

**Location:** Georgia

**Client:** MDF Municipality Development Fund, ADB co-financed

**Main project features:**

**Position held:** Evaluator to defend the Employer’s position

**Activities performed** Review / analysis of **Engineer’s Determination**; Overall analysis of potential claims/costs related to reduction of scope [**omissions**], identify the “indirect costs” and defend Client’s position at the outstanding Dispute Board (DB) hearing.



<p><b>39 Sierra Leone</b> Facilitation of several workshops: <b>OPRC *** PPP + O&amp;M</b> / PBM - output- and performance based Roads / Bridge Contracts with comparison of DBO T / Design + Build + Operate / Maintain + Transfer.</p>
<p><b>38 Name of assignment or project:</b> Multi-Purpose Padama Bridge (Railway and Highway)  <b>Location:</b> Bangladesh / Mawa  <b>Client:</b> Bangladesh Government / Bangladesh Bridge Authority  <b>Main project features:</b> 6.15 km long multi-purpose Bridge (4 lane highway and railway), crossing the Padma River inclusive approach viaducts of ca. 800 m each side. 150 m Steel trusses in the main bridge, concrete beam for the viaducts.  <b>Position held:</b> Senior Contract / Claim Manager / Variation Expert ... Advisor / Mentor  <b>Activities performed:</b> 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.</p>
<p><b>37 Liberia</b> Water Sector: MCC MCL Member of the Tec and Fin Evaluation Panel for Service and Work Contracts, 256 Mill USD, mostly Design + Build (Yellow Book) in the Water Sector. Assignment until Dec 2020 extended.</p>
<p><b>36 Gambia</b> : Business development for Trade and Engineering in UK, EU, ECOWAS</p>
<p><b>35 Sierra Leone</b> Business Development and Supervision – Private Financing Initiative (PFI), Construction of commercial building and trading based on EPC. Ongoing - with mining operations, too -</p>
<p><b>34 Name of assignment or project:</b> Mumbai: Sewri – Nhava Showa Trans Harbour Link (MTHL), longest sea bridge in India.  <b>Year:</b> 2017  <b>Location:</b> India / Mumbai  <b>Client:</b> Mumbai Metropolitan Region Development Authority MMRDA  <b>Main project features:</b> 21 km long Bridge highway, crossing the Arab Sea with 50 m pre-stressed concrete spans and 180 m steel spans. 6 lanes wide , 25 m deep maritime piles, with elaborated ramps, Intelligent Transport System (ITS),  <b>Position held:</b> Cost Estimator + Evaluator  <b>Activities performed:</b> To review the expected Bid prices, Employer’s Requirements of Build + Design + Operate (DBO - Gold Book), Evaluate technical + financial capabilities of the bids, unit rate/prime cost analysis, financed by JICA.</p>
<p><b>33 Name of assignment or project:</b> Fast Track Peshawar Sustainable Bus Rapid Transit (BRT) Corridor Project  <b>Year:</b> 2017  <b>Location:</b> Pakistan / Lahore + Peshawar  <b>Client:</b> Peshawar Development Authority / Government of Khyber Pakhtunkhwa’  <b>Main project features:</b> 26 kilometre long Bus Transit system with elaborated, piled sections of the lanes  <b>Position held:</b> Technical and Financial Evaluator  <b>Activities performed:</b> Review and finalize two Tender Dossiers (Design + Build, Yellow Book) for dissemination, pre-site visits for clarification, opening and evaluation of tech + fin bids, sub-committee member to produce EVAL-Report in compliance with ADB procurement guide. Investment ~ 250 USD.</p>
<p><b>32 Sierra Leone:</b> Road Asset Management for Feeder Roads, paved + unpaved, <b>OPRC *** PPP + O&amp;M</b> / DBOM-T</p>
<p><b>31 Name of assignment or project:</b> Mediation  <b>Year:</b> January 2017  <b>Location:</b> Palestine  <b>Client:</b> Not allowed to disclose.  All parties signed an agreement: who infringes the confidentiality has to compensate a flat rate for indemnification.  <b>Main project features:</b> Design + Build Contract  <b>Position held:</b> Guide to mediate the Referring and Responding party  <b>Activities performed:</b> a guided process has settled Discrepancies of needs, rights, and interests within one month only. The Mediator is not allowed to divulge any data (duty to keep confidential) about the disputing Parties, the Project, the Investment and the content of the satisfactorily achieved results – <b>without prejudice privilege</b> - . Exception:  (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.</p>
<p><b>30 Name of assignment or project:</b> Design + Build Roads and Townships in the Eastern Provinces (portfolio ~200 Mill USD)  <b>Year:</b> 2016  <b>Location:</b> Sierra Leone  <b>Client:</b> Government of Sierra Leone  <b>Main project features:</b> Design + Build Contracts of several roads (approx. 180 km) and five township roads with a portfolio  <b>Position held:</b> Project Management advisor, Contract / Claim Manager  <b>Activities performed</b> Business development, organizational structure of the company, responsible for all contractual matters like to review the Design +Build Contracts to consider hard ship (Unidroit Principles 2016 / Ebola impacts), impossibility / doctrine of frustration, claim preparation of all cause-issues in compliance with the Contract.</p>
<p><b>29 South Sudan:</b> Elaboration of WB-Tender Dossiers templates for OPRC / PMB with an input of several months and presentation of the results (three parts of the Procurement Document) in a three-day workshop in Juba.</p>
<p><b>28 Uganda:</b> <b>EU-Framework Contract</b> Business Development, in-house design, environmental policy and management of UNRA to amend the recruitment situation / <b>OPRC *** PPP + O&amp;M</b></p>

<p><b>27 Name of assignment or project:</b> Preparation of detail design and construction supervision of Zestafoni-Kutaisi-Samtredia road section of the E-60 Highway (65 kilometre long, 150 Mill Euro)  <b>Year:</b> Aug 2015 – Dec 2016  <b>Location:</b> Georgia  <b>Client:</b> Ministry of Regional Development and Infrastructure of Georgia / Road Department (Funded by JICA)  <b>Main project features:</b> 65 km long dual carriage way up to four lanes, concrete roads, ten bridges, ramps, intersections  <b>Position held:</b> Contract / Claim Manager  <b>Activities performed:</b> Responsible for engineer's DETERMINATION (SC 3.5) of time- and value-related (15 Mio. EUR), and all other claims (EUR +5 Mio) referring to the Bridges / Highway Contract: Variations / Instructions in Costs + profit, Extension of Time EoT, Dispute settlement via DB/DAB (referrals, responses to referrals, rebuttals, rejoinders), adjustment for changes in costs and in legislation based on Red / Pink MDB FIDIC Book for Construction.</p>
<p><b>26 Name of assignment or project:</b> WORKS CONTRACT FOR UPGRADING OF MERILLE RIVER - MARSABIT ROAD (A2)  <b>Year:</b> April 2015 - July 2015  <b>Location:</b> Kenya  <b>Client:</b> Kenya National Highway Authority (KeNHA), financed by European Union (EU)  <b>Main project features:</b> 120 kilometre long highway with cement-stabilized base course, asphaltic layer with an additional bituminous surface treatment for the asphaltic wearing course and a double bituminous treatment for shoulders.  <b>Position held:</b> Contract + Claim Management  <b>Activities performed:</b> Evaluation for Determinations of Contractor's Claims and Employer's financial claims: assessment of the compliance of "Contract" application, Employer's Requirements / Tech Spec, Drawings and BoQ: IPC-disbursements, Variation orders, instructions for extensions of time and for extra payment / additional compensation (adjustments in changes for costs) of the Contractor's claims and Employer's financial claims, too.</p>
<p><b>25 China:</b> EU-Framework Contract : ROM-Mission about Aviation in Beijing and Tianjin.</p>
<p><b>24 Ethiopia:</b> Administrative follow up of the Construction of Ashegoda Wind farm (Mekele)</p>
<p><b>23 Myanmar:</b> Business Development for a commercial plant : produce oil and energy out of waste</p>
<p><b>22 Name of assignment or project:</b> Construction / Reconstruction / Rehabilitation of the Road network in Sierra Leone  <b>Year:</b> Jan 2009– Jan 2013  <b>Location:</b> Sierra Leone  <b>Client:</b> Sierra Leone Roads Authority (SLRA) – financed by European Union (EU)  <b>Main project features:</b> Technical Assistance incorporated in Top Management / Directorate ... OPRC *** PPP + O&amp;M  <b>Position held:</b> Project + Contract Management + Procurement Specialist; Evaluation Committee, Team Leader  <b>Activities performed:</b> Administrative Procedures (contractual supervision obligations) in line with EU-GCC/SCC and FIDIC for construction and road maintenance/ performance based management + maintenance contracts. Detailed advices for the SLRA - supervisor in technical, financial and contractual issues, rejection of a huge Claim of 15 Mio. USD: DETERMINATIONS (SC 3.5) for variations and Claims (extension of time, values / cost + profit, adjustment for changes in cost and legislation)</p>
<p><b>21, 20, 19, 18 Name of assignment or project:</b> Gas- and Fuel Power Stations (up to 875 MW) and bi-pole Converter station +/- 500kV, 2500 MW with General Contractors like Siemens (2 assignments), ABB, Alstom and Mass Global.  <b>Year:</b> 2006 – 2008  <b>Location:</b> Libya, India, Germany, Iraq  <b>Client:</b> Governments of the respective countries  <b>Main project features:</b> Construction of Power Plants and Converter Stations with all operational, social, administrative buildings, 125 m high cooling tower, deep steel piling, high steel tanks for 20 000m3 fuel, outside facilities, tunnels, de-watering vacuum-systems, water supply, sewer, concrete / asphalt access roads.  <b>Position held:</b> Superintendent / Liaison Officers / Contract Manager for EPC / Silver FIDIC Book and DBOM (Gold Book)  <b>Activities performed:</b> Overall-coordination (time- and cost planning) / superintendence of several subcontractors, logistic, quality control (workmanship), identification of all events and circumstances to claim for delay + disruptions.</p>
<p><b>17 Name of assignment or project / Water Sector:</b> Rehabilitation of the water treatment plant White Plains, distribution network, reservoirs and booster and pumping stations.  <b>Year:</b> 2006  <b>Location:</b> Monrovia, Liberia  <b>Client:</b> Ministry of Works and Transport / NAO – EU Financed.  <b>Main project features:</b> Procurement / Evaluation of Contractor's bid for Work Contracts  <b>Position held:</b> Consultant –Team Leader  <b>Activities performed:</b> prepare tender dossiers, evaluation of bids, and award of bids.</p>
<p><b>16 Germany / Afghanistan:</b> Roads, Bridges and Building – Project Coordinator, private Investor; OPRC *** PPP + O&amp;M</p>
<p><b>15 Name of assignment or project:</b> Kunduz Town – Rehabilitation  <b>Year:</b> 2004  <b>Location:</b> Kunduz, Afghanistan  <b>Client:</b> Ministry of Works and Transport  <b>Main project features:</b> Design, Procurement, Construction, MoM&amp;P of the Roads, Bridges and major concrete structures, including Contract / Claim Management  <b>Position held:</b> Consultant – Residence Engineer / Team Leader</p>

<b>Activities performed:</b> Supervision, technical, financial, administrative and contractual Project Management
<b>14, 13, 11 Name of assignment or project:</b> Contractual Procurement/Supply Department of the RAILWAY authority <b>Year:</b> Jan 1999 – Dec 2000, Jan – Dec. 2002, 2003 <b>Location:</b> Germany: Munich – Berlin – Nuremberg. <b>Client:</b> Ministry of Transport in Germany <b>Main project features:</b> Procurement and Claim Management of all HOAI-service, VOL-supply, and VOB-work contracts for all railway structures <b>Position held:</b> Consultant – Institutional Support, Procurement and Contract Manager <b>Activities performed:</b> Claim Management for Service and Works Contracts (steel / composite bridges, cast in box girders, incremental launching methods/gantries/timed shifting and tunnels inclusive all negotiations to reach a mutual agreement.
<b>12 Romania Highway :</b> Studies and Design of roads, bridges, and Tunnels
<b>11 (13,14) Germany Railway:</b> purchase department, Contract and Claim Management <b>10 Name of assignment or project:</b> Mannheim Public utilities project (Tram and Omnibus operation depot), total 90 Mill EUR. <b>Year:</b> Jul 1995 – Jun 1997 <b>Location:</b> Mannheim, Germany <b>Client:</b> Public Utility Municipality <b>Main project features:</b> Construction of arch halls for parking and repair, road and railway network on the depot and halls, bored piles for foundations, buildings with shell construction, dry and wet works, central building control system, finishing, outside facilities i.e. railways with electrification poles, pavement of concrete, cobbles and asphalt. <b>Position held:</b> Project Controller / M & E / procurement / Contract + Claim Management. <b>Activities performed:</b> Reviewed tender documents of the general designer for buildings, civil and railway works, cost estimate, evaluation of bids, evaluation reports, recommendations for award of contract, time / cost schedule, re-planning measures, contractual appreciations of contractor's claims and overall coordination of the consultant and contractors.
<b>9 Germany Water sector : Water treatment plant, Construction: planning ... 150 Million Euro</b>
<b>8 Germany Roads Authority :</b> Project leader Highways, Roads and Bridges.
<b>7 Germany Water Sector :</b> Roads + Bridges + Water Treatment plant , Construction: superintendent for sand and stone quarries, own asphalt and concrete production, own transport fleet, construction / operation coordination, Quantity Surveying / Method of measurement and payment, warranties, contractual matters, negotiations with Client.
<b>6 Nepal Roads to HEP :</b> design review / cost estimate (roads, tunnel, bridge structures)
<b>5 Germany Roads + Railways / Tunnels + Bridge / Hydro Electric Power Plant :</b> design + supervision > OPRC *** PPP + O&M <b>Supervision : A_ Railways Freight Terminal and B_ Hight speed track with tunnels between Nueremberg – Munich</b>
<b>4 Germany Waste deposit with sewer, roads, buildings for energy generation, – site agent</b>
<b>3 Yemen / Malawi – Highway Supervision:</b> Quantity Surveyor in Yemen and Coordination of the special Designers for the Transportation chain NCP from harbour Dar es Salam (Tanzania), via Railway to Mybea and on Road to Chipoka to transport the goods to Chilumba-Monkey Bay (Lake Malawi) and by road to Lilongwe / Blantyre.
<b>2 South-Africa (RSA) Highway Construction:</b> Cost- Planning Engineer
<b>1 Saudi-Arabia (a) Highway + (b) industrial plants:</b> (a) Quantity Surveyor and (b) calculator / quotation costing for large-scale production plants (Cement plant, osmosis plant) and highways esp. in mountainous area (i.e. Taif – Makkah / Mecca). FACT SHEET : <a href="http://www.aid21.de/TOC123.pdf">www.aid21.de/TOC123.pdf</a>

#### 14. Certification:

I, the undersigned, certify that to the best of my knowledge and belief that

- (i) This CV correctly describes my qualifications and experience
- (ii) I am not a current employee of the Executing or the Implementing Agency
- (iii) In the absence of medical incapacity, I will undertake this assignment for the duration and in terms of the inputs specified for me in Form TECH 6 provided team mobilization takes place within the validity of this proposal.
- (iv) I was not part of the team who wrote the terms of reference for this consulting services assignment
- (v) I am not currently debarred by a multilateral development bank
- (vi) I certify that I have been informed by the firm that it is including my CV for the Proposal / BiD

I confirm that I will be able to carry out the assignment for which my CV is submitted in accordance with the implementation arrangements and schedule set out in the Proposal.

I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Helmut F Giesa, [Helmut@Aid21.de](mailto:Helmut@Aid21.de)

January 2024

Name of Expert

Signature

Date day/month/year

Find / search the Fact sheet >>> [www.aid21.de/LEC2024EOI.pdf](http://www.aid21.de/LEC2024EOI.pdf)

e-mail : [Helmut@aid21.de](mailto:Helmut@aid21.de)