Eng. RajaSegaran KUPPUSAMY B.Sc;M.Sc;DM(IFRC) (Head of Technical Engineering) UN IOM Iraq

- Qualifications And Skills
- Work Experience And Expertise:
- Publications

- Project Track Records
- References



Qualifications And Skills

Qualifications:

- Disaster Management (post graduate certification program), IFRC –TATA Institute, India (Geneva 2014)
- Master of Science Civil & Construction Project Mgmt., USA, 1994
- Bachelor of Science Industrial Construction Mgmt., USA, 1989
- A.A.Sc Degree: Building Construction Engineering, USA, **1987**
- Diploma: Building Engineering, Malaysia, 1982

Qualifications And Skills

Skills:

- > 2005-2019:
- Disaster Management (Disaster Risk Reduction) Resilience Management
- Climate Change- Humanitarian Crisis Disaster Preparedness and Response
- Flood Controls management
- Landslide management
- **D** Project Management in engineering and construction
- Project Management in emergency engineering Shelter, CCCM Camp Care and Maintenance
- **Project management in field supervision (QC/QA supervision)**
- Certified Trian the Trainer (TOT) in CCCM Camp Coordination and Camp Management (CCCM)/ Camp Care and Maintenance, IOM Iraq.
- **Technical audit and assessment review construction documents** (Design, BOQ, Technical Specifications, Work plan and Condition of Contracts), IOM IRAQ.
- Planning and development

Work Experience / Expertise:

1. UN IOM - Humanitarian

- Humanitarian Disaster Crisis Response
- 2. Corporate Sector

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3.Academic, College Lecturer

1.UN IOM Humanitarian:

IOM IRAQ,2014 - 2019 :

0

- Fechnical Engineering Unit, November 2017 2019 Present
- Head of Technical Engineering Unit
- Planning, Design and Construction Management (QAQC) EPC (Emergency Post Crisis) / Returns and Reconstruction projects

> IOM Bangladesh (STA), 2017

- Surge Quick Response Action Team
- DRR Technical Engineer, Rohingya refuge emergency response, Cox's Bazar, Bangladesh.
- Disaster Risk Preparedness, Response and Mitigation Landslide, Floods, Drainage, Access Roads
- Program Officer Sr Shelter and Settlement Engineer, 2014-2018
- Damaged shelter rehabilitation projects
- Low cost transitional and core new housing projects
- Emergency camps for internal displaced people (IDP) from Mosul
- Returns, Recovery and Reconstruction Projects WASH and Infrastructure projects

1.UN IOM Humanitarian:

IOM Nepal, (multiple STA), 2013-2014:

- Technical Consultant, IOM Nepal & UNDP Nepal (STA)
- Space planning UN compound

0

• Structural Assessment – UN IOM facilities

IOM Afghanistan, 2009-2013:

- Technical Advisor, Construction of Health and Educational Facilities Projects, Afghanistan
- QC Manager, CHEF-EDID for EPC and Recovery and Reconstruction Projects, Afghanistan

1.UN IOM Humanitarian:

IOM Indonesia, 2006-2009:

> 2008-2009:

 \bigcirc

- Sr. Construction Manager, MCCIP Detention Center Project, Tanjug Pinang, Bantam and Jakarta, Indonesia.
- Design Build 3 story new detention facility building for 600 person capacity
- > 2007-2008:
- Technical Manager, IOM ACEH, Indonesia
- EPC- Reconstruction Tsunami damaged houses, government buildings, community centers, police facilities, health, education facilities and WASH
- > 2006-2007:
- Technical Consultant, IOM Jogjakarta, Indonesia
- EPC -Reconstruction earthquake damaged houses, government buildings, schools and health facilities

2.Corporate Sector:

- Project Manager, KL Monorail Project, KLIACS, SR. 2000-2006
- Construction Manager, KLIA Airport Project, Malaysia, 1994-2000.
- ▶ URS- Greiner- Morrison Knudsen (JV), USA, 1990-1994.
 - Project Engineer, NDIA, Airport (PMC) Project.

3.Academic, College Lecturer:

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Sr. Lecturer, Engineering college, FIT, Malaysia, 1978-1985,

• Subjects Taught - Technical drawings, Material for construction, building reinforcement structures

Publications:

> 2006:

- Building Construction Handbook for college students.
- > 2009-2013:
- Quality Control Manual for construction health and education facilities (CHEF), IOM Kabul.
- Safety, Health and environment plan for construction health and education facilities (CHEF), IOM Kabul.
- Operation maintenance plan for construction health and education facilities (CHEF EDID) projects, IOM Kabul.
- > 2014-2018:
- Rehabilitation critical shelter and returnees damaged houses for IOM Iraq.
- Standard Operational Procedures (SOP) guidelines for technical engineering unit (TEU) in review and audit design and construction documents for construction
- Shelter projects
- > 2016-2018
- Construction manual for IOM Iraq Program (RRU, Shelter, CSU, Others)
- Renewable green energy
- Solar street lighting,
- Solar Air cooler

Publications:



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CHEF IOM Safety Manual

IOM AFGHANISTAN CONSTRUCTION OF HEALTH AND EDUCATION FACILITIES (CHEF / EDID)

HEALTH & SAFETY PLAN

01Nov 2010 Updated / Published By: Eng. Rajasegaran M.Sc Technical Advisor – QAQC - HSE Manager, IOM Kabul Afghanistan

No. 1050, Ansari Wat, Behind UNICA Guest House, Shahr - Naw, Kabul, Alghan Tet 30231, Sat phone 00 873 782 899 855, Fax: 00 873 782 899 866.



International Organization for Migration Iraq Mission

Rehabilitating, Repairing and Upgrading Critical Shelters and Damaged Houses



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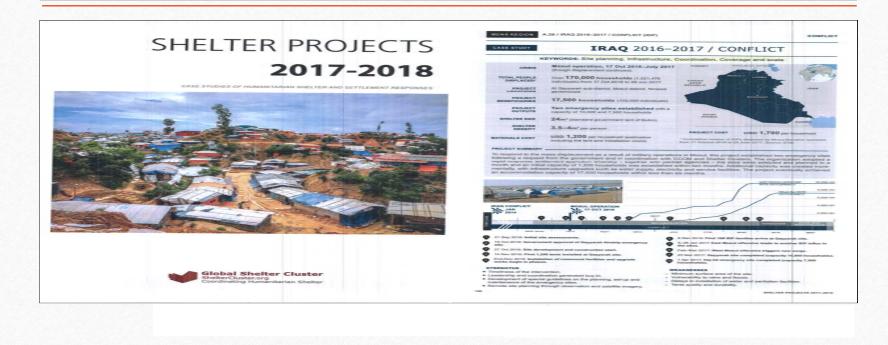
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"Rehabilitating: Repairing and Upgrading Critical Shelters and Damaged Houses" presents shelter guidelines and offens step-by-step guidance. The humanitarian aid community, displaced community, members, and camp technical working committees. nittees.

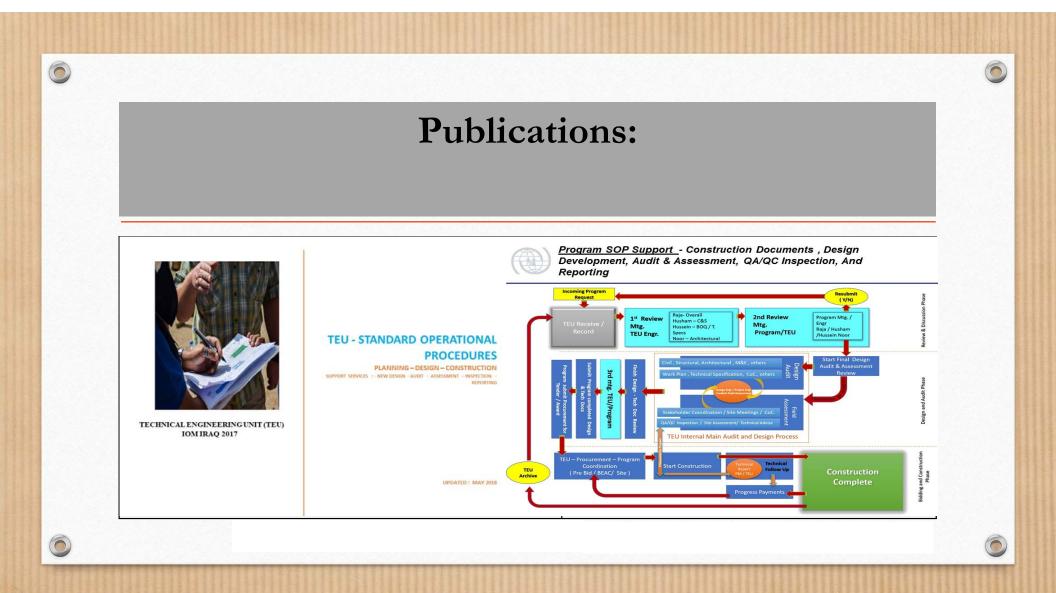


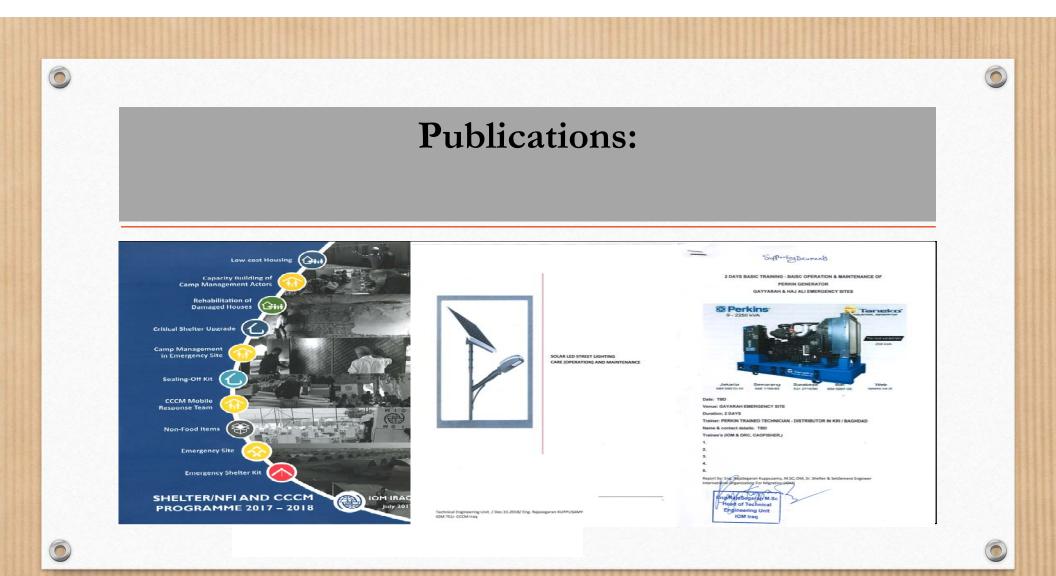
0 6 **Publications:** A REGION SHELTER PROJECTS IRAQ 2015-2016 / CONFLICT LIGHT . ing repair I re KCE YY Par Par 2015-2016 Arment constitution intern sil ox. 70-80% of the indy m Constanting in Ion ces is the h al-Din, Baghdad, Najat, K 2.278m and the second second second 300 ----400 ----ALTERNALS COST 150 1.2 • **Global Shelter Cluster** 0

Publications:









UN Humanitarian-Iraq Field Mission

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Shelter Housing and IDP Emergency Camp Projects

UN Humanitarian-Iraq Field Mission

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Long Term IDP Camp – Planning, Design and Construction Project

UN Humanitarian-Iraq- Renewable Solar Park Project

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Solar Projects for Public Health Clinic and Schools, Kurdistan Iraq, 2016

• UN Humanitarian – Head Technical Engineering Unit

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ENGINEERING PLANNING, DESIGN, CONSTRUCTION TEAM

UN Humanitarian – Bangladesh (Cox Bazar) Field Mission– Bangladesh Refugees Camp

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DISASTER RESPONSE PROJECTS - REFUGEES CAMP PLANNING AND DESIGN AND CONSTRUCTION

UN Humanitarian –Afghanistan Field Mission

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Construction Hospital and Educational Building Projects

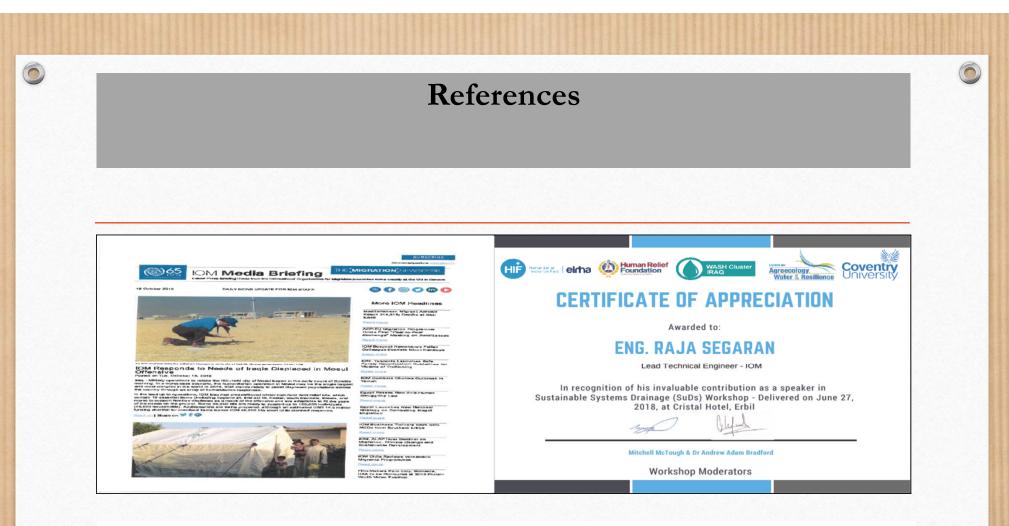
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UN Humanitarian – Indonesia Field Mission

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Police Training Facilities and Residential Housing Projects



POLICE TRAINING FACILITIES PROJECT

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MIGRATION TRANISIT FACILTIES PROJECT

References



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IRAQ CRISIS RESPONSE IOM Iraq Emergency Tracking Shows 22,224 Displaced in Three Weeks of Mosul Operations 4 November 2016 Iraq - The IOM Iraq Displacement Tracking Matrix (DTM) today (04/11) recorded a total of 22,224 individuals displaced by fighting in the Mosul region that began on October 17. The largest number of these internally displaced people (IDPs) are in Ninewa governorate, where 3,577 families, or 21,462 individuals have been recorded, (about 97 percent of the total displaced by the current Mosul emergency). Others have been displaced to Anbar and Erbil governorates. As of 2017 10,000 (60,000

individuals) displaced family tents in Gayarah camps and 4500 families (27 000 individuals) tents in Haj ali camps were competed on schedule for IDP arrival and shelter, food and health assistants were provided. Source:

https://www.iom.int/sites/default/files/press_release/file/Nov%204_Snapshot.pdf

Iraq largest IDP Camps in Qayarah and Haj Ali, Mosul Nenewa

References

STAR PROFILE BY B.K. SIDHU

TALK about Target and transite (IKTb), memo-tain or even airport projects, and Raja Rappuszwarys even willight up. Bernet and the series of the series of the bas gained series of the series of the



himself involved in the KL International Airport devolupment. He was appointed planning engineering manager with renowned US apport engineering from UKS calaries, and the most of the most calaries and the most of the most method engineering works, including sys-tems installation activities. That meas deals interface the management of construction activities. The provide the system of the most of additional provides the system of the system and admitted he did not have much knowl-edge of the rail industry. Two something new to him, but he took in books, ournals to colleagues and foreign con-tractors. himself involved in the KL International

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References DRAFT Emergency Sites for Mosul Response The Mosul campaign, in a worst case scenario, is expected to be the applied and to scruping humilitation or similar to military operations. Based on the Government of practice plans, it is envisaged that internally displaced paralle (IDM) will be aetiled for the scenario of the Government of the scenario of the memory operation of the Government of the scenario of the memory operation of the scenario of the scenario of the formation of the scenario of the scenario of the memory operation of the scenario approach to incrementally upgrade the camp in order to meet the minimum long standards based on the displacement R Chan. ساڑھسان پیسن ا April 10, 2013 Letter of Recomme To Whom It May Concern: A Copper particular and A Minder & Cooperand A approach to incrementally upgrade the camp in order to meet the mitutions. See all and a set of the mitution of the set of the possible, once they are cleared of mines and accessible. The set of the possible, once they are cleared of mines and accessible. The set of the possible, once they are cleared of mines and accessible. The set of the possible, once they are cleared of mines and accessible. The set of the possible, once they are cleared of mines and accessible. The set of the possible of the set of the possible of the set of th I would like to take the opportunity to offer a recomment managerial position in Programmatic activities of IOM. ation for Mr. Raja Kupp As the Chief Architect and Program Manager of International Organization of Migration (Construction of Health and Educational Facilities program (CHEP), a design-built office v hom 2006 Present. The philosophy of building design at CHEP consists of harmessin talent and allowing staff to take Mill control of projects. In this serves, Raja It in periodity successfully and single handedly took serveral projects from the drawing board to succes 0 Location of 5 Sites Identified al Afar Blaid Userella Ligaril Blaid Brainn Real Ligaril alloy Brainn Real Antonio ing prob lems are models for an all-inclusive, less doctrinals Raja's is a professional of the highest caliber, who noe in his field with latest technology and knowled ign and construction standards, adapted to the spe RAVES due Erbil Rear exen Al Salamiya @useder . Al Fatte In his immense knowledge over the subject and skilled abilities in his work, Raja india il akademih position within our basin. He has been proving his immitter with its source of the state of the state of the state of the state of the sponality with hall enthusiastic, implying and motivational leadership aspects. He nog dedication and takes incredible inflative to do work effectively and efficiency 505 ganga Ar Mail Tan an mar nce Raja has worked in a challenging environment and has never failer ork within the stipulated deadlines, it's my pleasure to recommend him indicate to a post offering that will allow him growth within the Organiza Qayyarah Airstrip A - In Kippel 0 I believe that Raja has all the abilities and qualifies, which are required for the po-project manager. I highly recommend him for the responsible post of a project ma-hope that you will carefully consider this latter of promotion. I strongly speak in h considering all the potential he has. Raja will be no doubt an issue twherever like Wadi Murr 💩 📈 🛶 Plat Honora Dawajin (1) Bala Go una ant ant bla Kirkuk You can get in touch with me if any queries regarding his job profile, backg matters are required to be provided. Capacity (Individual) Accessible Suitable Site Name Governorate District Mine-Clearance Hajj Ali Al Mosul Ves All Nouri, AlA 45,000 Ninewa Yes in Progress Qayyarah Airstrip Al Mosul Phogram Manager IOM CHEF Program Ph: + 93 (0) 706 011 478 Email: mnourl@iom.int 60,000 Yes Ves Ninewa in progress Dawajin Salah Al-din Al Shirqat 30,000 pending Yes Not yet pending Al Salamiya Base Ninewa Al Mosul 20,000 Yes Not yet Al Mosul House No: 1080, Ansari Wat, Behind UNICA Guest House, Shahn-i-Naw, Kabul, Afghanistan Tet: 30221. Set phone 00 873 782 899 856, Fax: 00 873 782 899 856. Email: Jonizabul@joni.ml Internet: swexion.it S wadi Murr Ninewa 30,000 Yes Not yet Yes IOM IRAQ 2016 |+3908 3103 2600 Ext. 3857 & 5928 | Email: iomiraq@iom.int | Web: http://iomiraq.net |Twitter:@IOMIraq | Pacebook: facebook.com/iomi

References



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Sulaymaniyah, 23 August, 2016

To: Daihei Mochizuki Program Manager – IOM

Dear Daihei,

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Herenby, receiving this latter serves as an invitation for Reja Segaran, UM Shetter Engineer to be trainer in - COCM Care and Maintennee Tushing" almost at giving Camp Management teams in Sulaymaniyah and Carmyan areas better understanding on their role in care and maintenance sector.

The training will take place in Sulaymaniyah on 7-8 September, 2016. JCCC, UNHCR Implementing partner, will offer Mr. Kaja accomodation and will take care of training logistics (ball, training materials etc.).

We wish to thank you for your future collaboration and furthermore for giving Mr. Raja time to expose his experiences and knowledge on this issue.

Sincerely

Marco Rotunno

CCCM Advisor UNIICR Iraq Sulaymaniyah Office

Dear Mr Rajasegaran Kuppusamy,

Anote's Ark is a captivating and beautiful film with a hard-hitting message. As you may know, the Pacific Island nation of Kinhati is one of the first countries that must confront the main existential dilemma of our time: imminent annihilation from sea-level rise. Set against the backdoop of international climate and human rights negotiations, Kirbet's President Anote Tong's struggle to save his nation is internarinal with the extraordinary story of Tiemeri (Sermary), a young mother of six, who aims to move her family from Kirbet's to New Zealand.

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six, who aims to move her family from Kirbsti to New Zealand. Given the Jacon of this Jimin upon not only climeter change, but also issues surrounding crisis and migration, I would like to invite to speak just prior to the screening of Anote's Ark, to introduce the film and to take about links between disseter crisis, climate change and interometimized alignization, I would like to invite to speak just prior to the screening of Anote's Ark, to introduce the internal displacement of people within a region Le. Imag and exodus from home this prompt internal displacement of people within a region Le. Imag and exodus from home country as undocumented migrants. I understand that you have had extensive involvement as humanitarion and have a wide-range of experience focused on DBR (disaster risk reduction) resilience projects in war-hom a wide-range of experience focused on DBR (disaster risk reduction) resilience country of home a wide-range of experience focused on DBR (disaster risk reduction) resilience country is home and people within the standard that you have had extensive involvements at hyphoces hom areas countries like integ and in Afghanitran. Also, due to your work in internal displaced dening angoing crisis and post-crisis. I therefore a dir the size examents in insue, which are also to countries like and post-crisis. I therefore a dirt babact these broader issues, which are also tooched upon in the film Anote's Ark.

We usually allow abave 30 48 minutes for a garst speaker set lactory a screening, which are include a 10 minute OnA with the audience. I clian arrange to sond you a copy of the film, probably on a memory stick, well in advance of the talk and you're velcome to use PowerPoint or other computer/filmindly illustrations in your talk. If you need a copy of the film, these are for the purposes of talk preparation and so that we comply with our screening licence agreement with each filminaker they cannot be shared it at all and need to be returned to me following the screening. The festival is run on a tight budget, but we can provide offer overnight accommodation at the Broadview Lodge, which is the UEA hotel on campus and would be happy for you to join us for an early evening meal prior to your talk.

If you have any queries, please don't hesitate to contact me at this email address.

Thank you for your time and consideration and I very much look forward to hearing from you. Kindest regards,

C Comes

Dr Christine Comea Director of the Green Film Festival @UEA

University East Anglia, Norwich, Norfolk United Kingdom



References

From: HILL Nicholas Sent: Monday, February 23, 2015 6:49 PM To: GVILAVA Lado; JABER Rana; MOCHIZUKI Daihei; SHAMOON Nuhad; FALSIS Samuel; Subject: RE: Dahuk BRHA IDP Coordination Meeting Points of Discussion - 23rd February, 2015 Importance: High

Dear All,

I would just like to make the point that, although the Deputy Governor indicated his concern regarding the slow progress at Sheikhan camp, IOM representatives vigorously defended the achievements that have now been made by IOM. The point was raised that, in terms of infrastructure and the quality and sufficiency of shelter, the camp is now particularly impressive in comparison to many other camps within the governorate. This is predominantly due to the professionalism and dedication of our engineer Raja Segaran, who has brought the IOM components of the camp back on track. This was a particularly challenging task, as some of these components had been severely compromised due to issues of flawed engineering design implemented before Raja's arrival, and incompetent contractor implementation. He also contributed significantly to the progression of other components that were actually the responsibility of other implementing partners. Please rest assured that progress at the camp is now significantly better, and IOM is on track to complete its work in line with the revised end date.

Thanks you all very much and best regards,

Nicholas Hill Operations Officer (Dohuk Satellite Office Operations) IOM Iraq Mission Tel: <u>+962 6 5659660</u>

From: JABER Rana

Sent: Monday, February 16, 2015 9:46 AM To: GVILAVA Lado <<u>LGVILAVA@iom.int</u>> Cc: IraqShelter <<u>iraqShelter@iom.int</u>>; HILL Nicholas <<u>NHILL@iom.int</u>>; BAKIR Hussein <<u>hbakir@iom.int</u>>; RAMBERG Britta <<u>BRamberg@iom.int</u>>; SEGARAN Raja <<u>rsegaran@iom.int</u>>; WEISS Thomas <<u>TWEISS@iom.int</u>>; Ina.r.jahn@gmail.com Subject: RE: Shekhan Camp :

Dear Raja

Totally agree with Lado and thanks for all the efforts to turn this round and make it a successful project for IOM despite all the challenges and constraints.

Well done

Cheers Rana

From: GVILAVA Lado

Sent: Monday, February 16, 2015 1:56 AM To: SEGARAN Raja; WEISS Thomas; JABER Rana; <u>Ina.r.jahn@gmail.com</u>; RAMBERG Britta Cc: IraqShelter; HILL Nicholas; BAKIR Hussein Subject: Re: Shekhan Camp :

Dear Raja,

Thanks for your untiring efforts to make Sheikhan Camp habitable.

I think, the role of IOM colleagues in Dohuk is remarkable in this project, not only as a reliable partner, but for taking lead in coordination and pushing other partners to fulfil their obligations. Hope all these undertakings will have a successful outcome.

Thanks, Lado Sent from my BlackBerry® smartphone from Zain Jordan

