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**AKTOR QATAR**

[www.aktor.qa](http://www.aktor.qa)

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ISSUE 04

# Newsletter

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## EDITORIAL

It has been a long journey. A journey full of strong emotions, great experiences and significant achievements. A journey that started in Dubai back in 2004 with considerable amount of ignorance and lots of nerve. Actually, with plenty of the latter...

We gradually came to build up stories to share. MEP stories. Lots of them. Some of

them not known to many and some of them perhaps forgotten. Just wondering, how many are really aware that during autumn of 2004 we were in collaboration (for a short period of time) with an MEP Contractor named Lunar Electro, coming extremely close to get involved with the MEP works of Jumeirah Beach Residence?

How many remember or even are aware that in early 2005 our company was about to enter into a joint venture with Thermo LLC in order to execute the electromechanical works of Concourse 2/Terminal 3 in the Dubai International Airport? We were actually mobilized at Site and had started recruiting staff. I still recall leaving just for a few days to get married only to find out, by the time I got back, that the collaboration had reached to an end. The collaboration was not deemed sustainable from a commercial perspective, so it was dropped. What a wise decision that was; it wasn't yet the time. The time to thrive in the aviation sector of Middle East was deemed to arrive only a few years later, in a different country.

Cause we were always aiming high. Extremely high... How else can you explain our engagement back in 2005 with the tendering of the MEP works for the highest building in the world; Burj Dubai (this is how it was known at that time). It was around then that we decided to take a step back, get a little bit more pragmatic, a little bit more down to earth. Yes, we were always aiming high but we had to have a solid beginning and then only move forward, one step at a time. We had to climb meter by meter. It is never easy to reach to the top. It is always better to do it gradually, carefully. In this manner you always have more chances to remain there for a longer period. So, it was 4th of July 2005 when we started materializing that plan; to penetrate the MEP market. It was in Al Sofouh Mixed Use Development. The first MEP Contract in the region for our company. The first to be awarded, the first to be completed, the first to be profitable.

And then it was Arch Tower, followed by City Hospital and then by IBN Battuta. Each MEP scope bigger than the previous, executed by respectable colleagues, others knowledgeable and experienced, others young and ambitious; an ideal mixture, a recipe for which our company is known for. Names just pop out my head; colleagues that are still within our AKTOR family as well as others that have departed to other destinations around the world. Sotirios Kyriazopoulos (one of AKTOR's pioneers in ME), Hazim Fehidat, Ayad Hanna, Adib Yaghi, Shamshad Kanwar, Biju Janardhanan (the first MEP Draftsman to be ever employed by AKTOR), Yazeed Abdelhadi, Yasser Salam, James Thomas,

Sanjay Navale, Mohammed Tahsin, Tariq Obaid, Muhammad Shuaib, Toy Varunny, Wesley Panganiban, Beshoy Nassif and so many many others. But that was only the beginning. It was only the first summit that had been conquered. It was time to start moving on upper heights.

Sewage Treatment Plant in Jebel Ali/UAE (the largest of its kind in Middle East), Emiri Hangars and the Cargo Terminal in NDIA/Qatar (handling the third largest cargo volume worldwide, at its time), Qatar Airways Maintenance Hangar in NDIA/Qatar (the largest hangar in the world back then), GSE Maintenance Facility, Motor Transport Workshop, Facilities Maintenance Facility Building, Facilities Maintenance Facility in NDIA/Qatar. Always with self-execution of the MEP works, demonstrating high quality, providing full support to our civil colleagues, eliminating the risks for the company from a potential engagement of MEP subcontractors, gaining the confidence of design, consultancy and PMC firms, gaining the respect and the favor of various clients and end users, bringing on board solid structure, technical capabilities and high levels of dedication.

The company's expertise in the construction of STP's had once again been demonstrated and we had not only stepped into the aviation sector of Middle East but we had also left our quite impressive mark, evident from our continuous presence in NDIA until today with BUATC, the large number of numerous smaller scale projects executed by CP94.1 project team and the non-stop tendering process. In 2012 time had come to expand outside the familiar NDIA environment into the evolving market of Qatar. And we did so with projects like ISF CPC-02, Al Sadd and of course ADIR (aka Banana Island) which was the first MEP contract to be awarded to our company in Qatar, with the last two already successfully completed.

And it is once again names that pop out of my head, not just the previous but plenty of new ones as well; John Vlatakis, George Economides, Iraklis Styliaras, Ilias Patrinos, Georgia Liakopoulou, Liakat Ali, Mohamed Omer, Nicolas Daskalakis, John Nerantzis, Ranganathan Sellathurai, Stavroula Machaira, Socrates Pavlides, Christos Christou, Ashish Upadhyay, Vasilis Boubousis, Nikos Tsioutsas, Sayed Ali, Howaida Hanna, Zacharias Fragkiadakis just to name very few. It is faces and emotions, emotions and faces that always remind me; it is people after all that have made all this happen. People combining efforts, coming together as one, sharing the same feeling for their company - their family, setting common targets, being sincere, responsible and determined to succeed in their field.

Now this journey, our first one, is approaching to its end. The award of the MEP works in the Gold Line Underground, with AKTOR having a huge contribution, can only be considered as the result of all this effort that was demonstrated and the expertise that was gained over the past 12 years. It can only be considered as the highest top of this mountain we took the decision to climb several years back. The last step will be to execute, to deliver this project successfully, combining our efforts with the efforts of our partners in ALYSJ JV. And upon doing so, we will then deserve to stand for a moment and take a look back on all this course, realize the magnitude and the importance of the achievement, feel proud and then do what only comes naturally; look forward for the commencement of our next journey.

**Marios Poulimenos, MEP Director**

## QATAR RAIL AWARDED MEP WORKS FOR GOLD LINE TO ALYSJ JV:

# AKTOR-led Team won the bid!

By the end of March 2016, Qatar Rail, assigned ALYSJ JV as the Contractor to implement MEP Works for the Gold Line.

A high caliber Team headed by Mr. Marios Poulimenos, MEP Director, Mr. Richard Hardstaff Estimating Manager and Mr. Pantelis Grimpampis, Estimating Manager MEP, worked for 12 months and succeeded.

The stake was considerable, but so was the tenacity, dedication, self-confidence, know-how of those who finally made it.

### TIMELINE

The estimation commenced on April 1st 2015, upon AKTOR receiving the invitation to participate in the Red Line South Underground (RLSU) MEP tender.

The bid was submitted on 30/06/2015, followed by various post tender clarifications, resubmittals and the technical presentation. The package was concluded in October 2015 with ANEL MEP receiving the award.

AKTOR had been among the short listed MEP Contractors that participated in the process till the end, having to submit the Best and Final Offer to Qatar Rail.

The estimation process continued from October 2015 till February 2016, while the MEP design was getting further developed and Q Rail was finalizing the MEP Subcontractors in the Red and Green metro lines.

From mid-December till mid-February, several technical clarification meetings were held between ALYSJ JV, PMC & Qatar Rail.

Final negotiation meeting and award took place in March 2016.

Commencement date for the MEP works was the 24th March 2016.

The physical commencement of the MEP works in the ten Stations and the Stabling Yard expands in the period between June 2016 and February 2017.

Commencement in the different tunnel sections has a time span between July 2016 and September 2016.

Completion of Testing & Commissioning shall be accomplished in May 2018.

Completion of the MEP activities (and the overall project) is in August 2018.

**01** Commencement of the Project 24/3/2016

**02** Physical Commencement in 10 Stations 06/2016-02/2017

**03** Commencement in Tunnels Section 07/2016-09/2016

**04** Completion of Testing and Commissioning 05/2018

**05** Completion and Delivery 08/2018

### THE TEAM

#### Estimation & Tendering Team

The estimation team was composed majoritarily by AKTOR staff: 23 out of 29 during the pick.

In August 2015, an even larger team was formed.

67 People during the pick representing all 5 ALYSJ JV partners, worked together.

In this case too, AKTOR contributed the most with 37 staff members.

The rest of the partners were involved as following:

- L&T with 24
- YAPI Merkezi with 3
- STFA with 2
- JEC with 1

This tendering Team had 6 weeks to review the available (incomplete) at that time design, quantify and accordingly price the direct, indirect and risk elements of the scope.

### GOLD LINE MEP WORKFORCE IN ACTION

The total non-manual staff requirements correspond to a pick of 605 personnel of all different designation and categories, namely:

- MEP Project Manager
- MEP Construction Manager
- MEP Area Construction Managers



- MEP Station Construction Managers
  - Electrical, Mechanical and HVAC Section Heads
  - Electrical, Mechanical and HVAC Site Engineers and Foremen
  - MEP Technical Office (TO) Manager
  - MEP Area Technical Coordinators
  - BIM Coordinators, BIM Modelers and MEP Draftsmen
  - Electrical, Mechanical and HVAC Senior and Assistant Engineers for the TO
  - MEP Procurement Manager
- Mechanical and Electrical Procurement Engineers
  - Procurement Officers
  - MEP Quality Engineers and Inspectors
  - HSE Officers and Inspectors
  - Senior and Assistant Quantity Surveyors
  - Additional Staff for the Finance and Accounts department
  - Additional Staff for the HR and Administration department
  - Additional Staff to cover Interface requirements, Project controls and Plant & Equipment

As for the Blue Collar workforce requirements (i.e. Electricians, Plumbers, Pipe Fitters, Ductmen, Welders, AC Technicians & Labors), they are reaching to a pick of approximately 2,600 tradesmen with a total requirement at the range of 8 million man-hours in order to perform the entire MEP scope.



THE WORKS

MEP services are getting installed throughout the entire project, namely across the 10 stations, the 3 Switchboxes, the Stabling Yard-Depot & Switchbox of Ras Bu Abboud Station, the Emergency Exit and the entire Tunnel length along with its 25 Cross Passages.

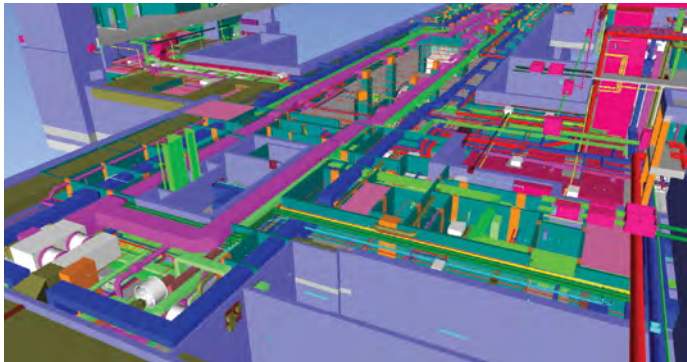
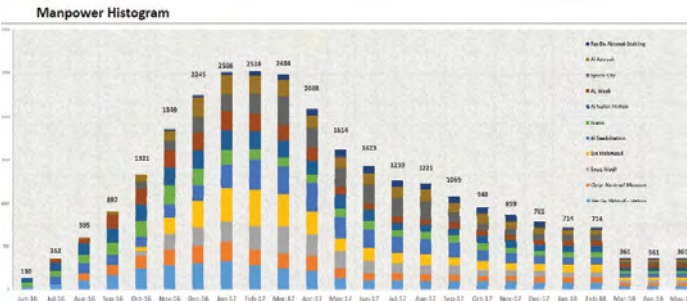
The mobilization period in order for the first Procurement and Engineering related activities to commence, has been set at one month.

The vast majority of the MEP activities will be performed in-house (i.e. self-executed) however subcontractors will be utilized for specialized activities like Fire Alarm, Fire Fighting, HVAC Testing & Commissioning, Application of Fire Sealants on the through penetrations, etc.

It needs to be understood and underlined that the MEP activities cannot be performed as a standalone, isolated segment of the project's total scope.

MEP has several interfaces with the structural element of the works (i.e. embedded items, openings and shaft provisions, reinforcements to cope with heavy equipment loads, etc.) and moves hand in hand with the architectural finishes where every single detail has to be well coordinated during the design, the detailed engineering as well as during the field implementation in order to avoid clashes (that will result in abortive works to both trades) and in order to ensure that the anticipated aesthetic result will be achieved while in parallel the functionality of the systems has to fit its purpose.

All five JV partners will mobilize staff to the project but the main contributors will be the 3 companies having extensive experience in the direct execution of MEP works (i.e. AKTOR, L&T and JEC).



Concourse design

Moreover, several other interfaces exist between MEP and other project stakeholders like:

- The Vertical Horizontal Transportation (VHT) Subcontractor
- The Building Automation and Control Systems (BACS) Subcontractor
- Manufacture, Supply & Install (MSI) – Metro Systems Contractor (being responsible for the rolling stock, the track works, the tunnel ventilation, signaling, telecommunications, etc.)
- Qatar Civil Defense Department (QCDD)
- Kahramaa



ACKNOWLEDGEMENT: SUCCESS IS A PERSONAL AND A JOINT EFFORT TOO

Success has a name. Or in this case, more than one. This 12-months effort required commitment, cooperation, understanding, patience, loyalty, professionalism to successfully conclude. And those who made this effort, shared the above: Pantelis, Marios, Richard, Georgia, Ajay, Prasanth, Shaik, Siddarth, Prasanna, Bijoy, Jalaludeen, Hazim, Pankaj, Sanjiv, Maribel, M Ganesh, Mohamed, Anandarajah, Mohammed, Geetha, Ashita, Nikolas, Janani, Syed, Rey, Prince, Francis deserve the credit of this achievement!

As a proper closure to the endeavor, a celebration lunch was organized by AKTOR on 24th March in Sukar Pasha Restaurant at Katara; Tendering Team members got together, relaxed and happy after this success. For AKTOR it was also a moment of joy, a “thank you” to each and all who believed they could make it, and worked assiduously to this end.

From Photo:

- Shaik Abubaker Siddiqui
- Siddarth Rangaraj
- Prasanna Namal Godage
- Bijoy Vijayan
- Jalaludeen Ashik
- Hazim Fehidat
- Pankaj Kumar Sinha
- Sanjiv Sabharwal
- Maribel Carpio
- M Ganesh
- Mohamed Manas

- Pantelis Grimpampis
- Petra Umeran
- Marios Poulimenos
- Anandarajah Arooran
- Mohammed Farooqui
- Geetha Muraleedharan
- Ashita Aravindan Deepak
- Nikolaos Kanonis
- Janani Shehani Geekiyanage
- Syed Haseebulla
- Rey Sanico
- Prince Wijenayake
- Francis Cantillana
- Missing from photo:
- Richard Hardstaff
- Georgia Liakopoulou
- Ajay Kumar
- Prasanth Palaparambil Suresh

Furthermore, specific people have had a considerable contribution to various stages of tendering. In particular, Kostas Toussis, Socrates Pavlides, Mustafa Khaled Mustafa Hammod, Ahmad El Essaili, Nidal Nabil Saed Qasem, Suresh Rajagopal, Mohammed Farhan Mohammed Ameen, Dilan Seneviranth, Godage Sumedha, Renjith Ravindran, Mohamed Dhasdhakeer, Vasileios Faltsetas, Rajith George, Pardeep Singh, Venkatesh Kalupu, Gulam Rabbani, Noman Uman Rizvi, also deserve a sincere “thank you” from us all.



# 100km Tunnelling & TBM Breakthrough: Completed!



On Thursday May 19, in Mushereib Station, two major achievements took place in Doha Metro Works:

- Tunnelling reached 100km, equalling 41% completion of the entire Doha Metro Project.
- TBM Breakthroughs completion for all 3 Metro Lines

ALYSJ JV Tunnelling Team, has also its own part of achievements to celebrate.

In particular, the installation of:

- 15.550 rings in 15 months
- 39 rings in one day
- 491 rings in one month

and of course, the completion date 1.5 month ahead of the original planned date: May 19, 2016 instead of June 28th.

Dr. Eng. Saad Al Muhannadi, Qatar Rail CEO stated: “I would like to take the opportunity to thank all those involved in the completion of tunnelling on the Gold Line which was achieved through nearly 27 million safe man-hours. While we strive to deliver our project on time and to schedule, we always aim to do so with the highest levels of occupational health and safety, to help safeguard our employees, partners and the wider public”.

Mr Carlo Germani, ALYSJ JV - Gold Line Doha Metro Project Director underlined: “This is an absolutely amazing achieve-

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– Dr. Eng. Saad Al Muhannadi, Qatar Rail CEO

ment on a project of the scale of the Doha Metro. It is indeed something which we all should be proud of. This milestone has only come about as a result of the commitment and determination of our tunnelling teams, and due to the major team effort together with all other departments of ALYSJ JV. It demonstrates what is possible to be achieved on this project despite difficult conditions”.

ALYSJ JV President of the Board, Mr. Dimitris Kallitsantsis, underlined: “This is truly a great achievement. A milestone to our Gold Line path. The Project Team members but mostly,

all those who worked hard, blue and white collar colleagues, led the Joint Venture to this success. Tunnelling was an important part of the Project and although we did not start smoothly, the Team managed to overcome difficulties, to cooperate, to attain the goal 1.5 month ahead of schedule. Each one and all together deserve the credit of this success. Each and all, Workers and Staff, deserve our Thank You.

Tunnelling is not over, but we are confident the JV can smoothly complete its operations, we all can work towards this direction, for us, for our People - dedicated partners, strong, professionals, confident, for the JV, for the Project, for our Client too.

Nevertheless, the Gold Line Project challenges go beyond tunnelling. Our Team marks success every day and we must equally acknowledge their effort. Indicatively, early May, we have achieved 15.000.000 safe man hours! A true milestone but also a tangible justification of our People’s commitment to the respect of Human Life, strict guidelines, Project uniqueness. This achievement is also amazing and consists our next stake, a higher target, the motivation to do even better.

We are half way, though it is a long way to go. Tunnelling might be almost over, but Gold Line Doha Metro is not only its tunnels. As every other Metro Project, it is the Stations. And the Stations is a complex, difficult, challenging, demanding Project itself. Maybe the most arduous, almost herculean, as it requires permanent teamwork, understanding and prioritisation of multiple interactive units, harmony in functionalities and execution.

It is not a secret to any of us that we have to make some schedule recovery. But we must do it as a Team, without egos, personal or corporate, without arrogance considering our work more important than others’. We have an extremely tight schedule to achieve and deliver the Stations, which now include self-performance of the MEP works and hopefully will include self-performance of the Architectural works as well. The Project team is making enormous efforts in difficult circumstances. But we need to do more, we need to talk more, to cooperate more, sometimes to be patient, to relent for the sake of the entire Project.

Tunnelling Team’s success is important. It is more important, even crucial though, to invest to all our Teams, to shape the Team, work and believe that success is attainable for all, in every aspect or business unit of this immense Project.

It is urgent to inspire, motivate, shoulder every ALYSJ JV employee, of every grade, insist and persuade them that we are also working on the Project as they do, closely, hands-on. That we strive to find solutions. That ALYSJ is not five Companies; it is a solid Joint Venture sharing a common goal of hard work and success. And as such, we will soon be celebrating similar successes in all departments, units, operations.

Representing all the Partners, we would like to reiterate our sincere commitment to provide all necessary justified resources to the Project, in order to facilitate your tough work and guarantee the success of your endeavours. Because this Project must and can be a success. Because the success of the Project is You”.

“This is an absolutely amazing achievement on a project of the scale of the Doha Metro. It is indeed something which we all should be proud of. This milestone has only come about as a result of the commitment and determination of our tunnelling teams, and due to the major team effort together with all other departments of ALYSJ JV. It demonstrates what is possible to be achieved on this project despite difficult conditions”.

– Mr. Carlo Germani, ALYSJ JV Gold Line Doha Metro Project Director





## FOCUS

# Plant & Equipment: We Respond to Requirements, we Design & Fabricate too

Plant and Equipment is a sole department within AKTOR. A department offering support to all other Construction departments of the Company and JVs AKTOR participates in.



As Nikos Rigas, NDIA Projects Director notes: “To be precise, P & E is not just a department. It is a complete 360° business unit. Owning an integrated workshop, operational 24/7/365, manned with experienced technicians, ready to assume responsibilities towards themselves, their colleagues, their Company and the Client, P & E is an unparalleled asset. It consists a priceless added value, structured on our hard work, know how, care and loyalty to AKTOR family, our professional estia. It is a service that no other Construction company offers in Qatar, ceding it to pricey sub-contractors.

Furthermore, our Workshop is entirely Customer-oriented, providing tailor-made solutions to any kind of mechanical, electrical, construction request, need or demand.

Moreover, and this is also of extreme importance, operating in-house means that schedule and deadlines are set within AKTOR works timeframe, safeguarding consistency, coherence and solidity of our Works chain process.”

For Padmakumar, P & E Manager, “We are almost 170 people, specialists and multitasking professionals of all grades from technicians to operators and drivers. We are available 24 hours a day, and respond to every request, as the Projects are evolving daily. We are present in every Project AKTOR undertakes, in the Airport, ISF, BUATC, the Gold Line Doha Metro, Aktor Village. In Construction and in Facility Management.



An important advantage of our Team added value to AKTOR, is that we have been working together for many years, we are a Crew. We know each other well, we do share our Team culture and procedures, we cooperate, we respect each other (even if sometimes we get tempered!), we design, fabricate and we deliver. Because the power of this Department is Uni-



ty. And hands-on effort of all.

We know well AKTOR vehicles and machines, so we also know their particular characteristics and needs, their age and usage. But we also know that the human factor might damage them. Sometimes people are negligent, they only focus on their job, without taking into consideration crucial factors that guarantee seamless functionality and efficiency of all equipment, or that someone else will need the same equipment soon after. And their negligence may lead to serious and time-consuming repairs, extra costs and sometimes even, considerable delays of the Projects.

Nevertheless, to avoid this kind of problems and discrepancies we have established proactive control and treatment: we have formed Teams, to inspect the entire fleet in every Site and Project on a daily basis. To ensure that everything works properly and when necessary, fix damages in an early stage and prevent mechanical or electrical complications.



Upper Image & Right page Image

Hydraulic cooling tower motors: repaired from scrap in less than 2 days.

We have initiated the corporate Power tools management system, through which all the tools are maintained, repaired and delivered to the projects resulting in huge economic benefits to the company.”

In particular, as Nikos Rigas underlines “Plant and Equipment scope, initiatives and deliverables result to considerable economies of scale, balanced resource allocation and profit for the Company.

In particular and within the last 8 months:

- 50% decrease of expenses previously allocated to the purchase of electrical tools
- Engine rebuild cost reduced by 40%
- 117 functional vehicles
  - Among them, a TIIDA car with 400.000 km and a pick-up with 500.000km on!
- Machines and know-how to work and fabricate using a multitude of raw materials, such as steel, Teflon, aluminum, wood, etc.

In other words and plain numbers, Plant and Equipment turnover is QAR 3.000.000/month that stays within AKTOR.

Plant and Equipment people, ambitions are set high exactly as our quality of work. We want to support all AKTOR or AKTOR related activities from day one, be part of every Project, from the bid to the deliverable. And we want, because we are confident, trustworthy and capable to do it”.

So as Padmakumar says: “bring us more work! We are results-oriented, motivated, and hard-working. We want to do more, contribute more to AKTOR success in Qatar, the Middle East, everywhere. We are solution-providers, creative and inspired, so bring us more critical Projects, challenge us, and transform us to your in-house collaborators, experienced, confident, trustworthy, co-AKTORS!”



## PLANT AND EQUIPMENT HEART, HANDS AND BASTION: MASTRO NIKOLAS

Nikolas Sarantis, our Mastro Nikolas, is P & E Senior Foreman. He joined AKTOR in 2007, made a break in 2011, and was called to rejoin in May 2014.

63-years old, he remembers: “I came to work. With my colleague Yannis Kontorevythakis and Nikos Rigas support, we set up the entire Machinery, 510 machines in total. We prepared detailed records, and kept track of every damage, repair, use, modification. Then we created the Workshop to repair and maintain all machines, engines, vehicles used in AKTOR Projects.

All these years, I worked hard, out of the office, hands-on. I trained people from different countries and backgrounds. I was in high readiness 24h a day. Because I know my job and I respect those who respect me as a Professional.

What do I have to remember? Long working hours and being lucky that I worked hard, implementing my technical know-how, educating people, and enriching my knowledge. Mostly, having met some real, honest People, Men and Women with integrity.

There have been many difficulties, but nothing impossible to overcome. And there have been some cases that I think some overreacted, like in some Safety issues. But at the end of the day, as I look back, even excessive measures of safety prevented us from injuries and casualties.

Yes, I believe that I have considerably contributed to build AKTOR Plant and Equipment. I have been responsive and offered the best I had. And now, I want to rest, to go back home, to enjoy life. Not that I am old, but I have been working for long. And I want to leave the place to younger technicians, to create, to work, to enjoy success.

If I'll come back? I just did, because I was asked to fulfill an important task for Gold Line Doha Metro. I would do it again, but only with good-hearted, sincere, cooperative team-mates.





## AKTOR QATAR MOMENTS

# AKTOR Qatar Blood Donation Campaign: Because We Care!

On April 24, on Orthodox Palm Sunday, AKTOR Qatar organized a blood donation campaign in cooperation with HAMAD Medical Corporation.

118 AKTOR Men and Women of every grade, from Top Executives to our blue Collar workforce, voluntarily and happily embraced this Corporate Social Responsibility initiative, implementing core values of ELLAKTOR/ AKTOR Group, such as Anthropocentric organization and management and Social & Community welfare.

Colleagues, Men and Women from different cultures and nationalities, mostly non-Europeans, have dedicated less than 5 minutes of their working day, without any obligation other than human ethos, solidarity and respect to Life.

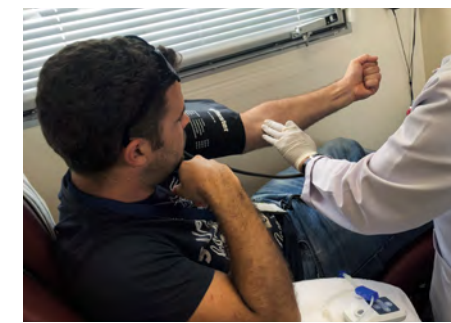
This impressive achievement was highlighted and praised by Hamad Team, nurses and clerks, who acknowledged this great act of humanity and respect.

A vivid reminder emphasizing that AKTOR is composed by good hearted and open hearted Humans. Kind and giving People, responsible and respectful. People caring and sharing, making the heart of AKTOR beat.

And as such, this initiative was set as the beginning of a tradition: twice a year, AKTOR will organize a blood donation campaign for all!



A vivid reminder emphasizing that AKTOR is composed by good-hearted and open-hearted Humans. Kind and giving People, responsible and respectful. People caring and sharing, making the heart of AKTOR beat.



### Top Image

HAMAD Medical Corporation Team awarding a precious Certificate of Appreciation to Demina Masoula, Communications Manager, after the successful completion of AKTOR Qatar Blood Donation Campaign.



DISTINCTIONS

Sustainability is a Core Pillar of AKTOR Activities

AKTOR is an International Company that delivers large scale projects in 20 countries. Working with high quality and safety standards, respectful to the environment, AKTOR Workforce and the national and regional habitat of operations, the Company designs, builds and delivers Projects contributing to a better future for the Community and generations to come.

This commitment has already been acknowledged by International Organizations: in 2015 AKTOR received:

- EMAS award as a National pioneer
- GSAS 4\* distinction for Ali Bin Hamad Al Attiyah Arena
- MEED Sustainable Project of the Year award – Construction Week Award 2015 for the Middle East, for Ali Bin Hamad Al Attiyah Arena

Furthermore, the Gold Line Doha Metro Project has received its First Stage Review results for GSAS Construction Management as of:

- One 6\* GSAS Construction for Ras Bu Abboud station
- Three 4\* GSAS Construction for four stations.

Recently also, AKTOR has been acknowledged once more by the Gulf Organization for Research & Development (GORD) as GSAS Service Provider in Design & Build and GSAS Service Provider in Construction management.

For all of us in AKTOR, Sustainability is a core pillar of all our activities, works and projects. It is our contribution to the edifice of a sound future in Qatar, the Middle East, the world.



GROUP NEWS

AKTOR Construction Activities for TAP

AKTOR and SPIECAPAG, in a Joint Venture form, will perform the Construction activities for the first Greek Section of Trans Adriatic Pipeline (TAP) Project. The Project refers to the construction of a gas pipeline Ø48”, from the Greek – Turkey Border up to Kavala, having a total length of 185km and the relevant block valve stations.

The overall budget of the Project is approximately €250 million. Trans Adriatic Pipeline will transport, at the first phase, 10 billion Ncm3 natural gas per year, from Shah Deniz II field in Azerbaijan to the European markets. The pipeline crosses Georgia, Turkey, Greece, Albania, and the Adriatic Sea before coming ashore in Southern Italy and is connected to the Italian natural gas transmission system.

The natural gas supply through TAP is an important alternative energy source for Europe to that from Russia.

The pipeline from Azerbaijan up to Greek borders is on progress, reaching its completion by next year. The construction works in Greece and Albania are expected to start in two

months, having the target to be completed in two years.

In Greece, the Contractor of the first section is SPIECAPAG in partnership with AKTOR.

The construction activities include row preparation, transportation and stringing of the pipes, excavations, welding, coating, backfilling, fiber optic cable installation, site area installation, cathodic protection system, hydraulic testing, cleaning –drying of the pipeline and pre-commissioning works.

The specifications to be followed for the construction guarantee a State-of-the-art Project.

Health and Safety Sector are our main priority, along with the implementation of strict regulations on Environmental in order to minimize the Project’s environmental footprint, as AKTOR contribution to the Community Sustainable development.

GROUP NEWS

AKTOR FM in Greek Water Airports



AKTOR Facility Management (AKTOR FM) has recently entered in the Water Airports project, having acquired 35% of the sharing capital of “Greek Water Airports”, leader of the market in this area.

“Greek Water Airports” specializes in the study, licensing, construction and operation of water airports (or waterdromes as they are usually called). It is the company that has already licensed the first Water Airport in Greece in Corfu, and has undertaken the licensing of 28 more water airports in the Country, aiming to connect the islands to strategic cities of the mainland.

Experienced professionals with strong background in Water Airports operations, form its unique Human Capital. In particular, during 2004-2008, the acting team operated the 12 water airports that were existing in Western Greece.

Furthermore, as Greek Water Airports invest in strategic partnerships with Companies providing competitive services, cooperation with AKTOR Facilities Management was a sine qua non to guarantee added value to the Company, high quality deliverables to its customers, prospects for future development to the Country, its Workforce and the Community.

AKTOR FM became the major shareholder of the Company, with a very important agreement of last call option for all services and activities related to its mission statement.

Managing Director of AKTOR Facility Management, Mr. Ioannis Anastasiadis, underlined:

“The participation of AKTOR FM in the Greek Water Airports company, the leader in the sector, is due to the perspective we see in the specific investment in Greece and the consequent growth expected from it. **We truly believe that this project has a tremendous potential for our country and its materialization will contribute positively to our economy, which is highly affected by the continuous crisis.** We do hope that with the experience already acquired in providing unparalleled services in big Airports, such as Hamad International Airport in Doha, we will play a key role in the success of Greek Water Airports’ vision, which is the operation of an extensive network of Wa-

terdromes in Greece and the provision of top class services to all future passengers and airliners”.

From his side, Mr. Tasos Govas, Managing Director of Greek Water Airports stated that:

“The participation of AKTOR FM in our sharing capital has a significant added value for our company, since the great experience and the use of innovative technologies that AKTOR FM is using in the Airports, will contribute positively in the proper waterdromes operation from day one. The benefits from the operation of licensed waterdromes will be numerous and with positive impact to the regional and national economies respectively. The trustworthy connection that the operation of the hydroplanes will safeguard through the waterdromes, will revitalize the local communities, especially of the small islands, upgrading their touristic value, also improving the quality of the day to day life of their inhabitants, as well as protecting the natural habitat”.

It is anticipated that the operation will start in the spring of next year, initially with a network of 10-12 licensed water airports, with a target to reach the number of 60 in the next three years.







AKTOR FAMILY

## Welcome Dimitris Kallitsantsis Jr

From all of us, your AKTOR Qatar family,  
the warmest welcome dear Dimitri Kallitsantsi Jr.

May your life be blessed with good health, love, smiles, success.  
May all your dreams come true while you conquer challenging peaks.  
May all your designs result to solid structures.

Dear Kallitsantsis family, parents and grandparents,  
Mr Paris and Mr Dimitris, we wish you the best!

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 **AKTOR**








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