



PRESS RELEASE

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SIA Solutions wins prestigious fibre optic deal with KAT 7 telescope **Contract positions company to supply SKA, world's largest radio telescope**

SIA Solutions has received unsurpassed credit for its expertise in the area of fibre optic communications in specialised environments: the company recently won a tender to supply fibre to KAT 7, the forerunner to MEERKAT and SKA-South Africa, South Africa's short-listed bid to host the world's most powerful radio telescope.

Following the successful building and testing of a prototype dish at the Hartebeesthoek Radio Astronomy Observatory near Johannesburg, the MeerKAT team is currently working on KAT 7, a seven-dish prototype array in the Karoo that will in turn lead to MeerKAT – which will itself be one of the world's largest, most powerful telescopes when it goes live in 2013.

Ntsane Kolisang, Marketing Director of SIA, the 60-40 joint venture between empowered technology leaders Tellumat and Harambe Technologies, says the fibre will connect the 7 receive dishes for KAT 7.

Kolisang does not disclose the price tag of the contract, saying merely that the bid was competitive and that the supply, installation and commissioning services offered are strategic to SIA Solutions' future plans.

He explains that the telescope requires highly specialised know-how. "There are strict rules governing how cables are laid in these situations, and where," he says. "Electro-magnetic emissions must be avoided, to prevent interference with the sensitive receive dishes that form the telescope."

Kolisang says SIA Solutions was chosen because of its experience in specialised fibre connectivity projects within mission critical environments, examples of which include a telescope site in Hartebeesthoek, Meraka Institute site connecting Satellite Application Centre with the Radio Astronomy Observation Centre and several South African airports.

"The combination of our technical skill-set, highly competitive pricing and aggressive marketing of our proven expertise were instrumental in winning the deal," he concludes.

Ends.

About SIA Solutions

SIA Solutions is a black owned 60-40 joint venture between technology leaders Tellumat and Harambe Technologies that has achieved a B-BBEE Status Level 2 rating in terms of the DTI's Codes of Good Practice. It supplies, implements and services global best-of-breed aviation and airports technology in the following main categories – Ground-Based Navigation Systems that aid the navigation of airborne aircraft; Meteorological Systems; Communications Systems; Advanced Surface Movement Guidance And Control Systems; High tech airport security systems; and fibre optics communications to link such systems to



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central monitoring stations. The company's fast-growing client list includes Bhishe Airport, the Airports Company of South Africa, the Air Traffic and Navigation Services Company, the Meraka Institute, Lanseria Airport, the South African Air Force and the Botswana Department of Civil Aviation. The Company also specialises in turnkey Project Management, microwave installations and maintenance support services. SIA's global technology partners include, amongst others, Finland-based Vaisala, Becker of Germany, Thorn Airfield lighting and US-based Sensis Corporation.

www.siasolutions.co.za

About Tellumat

Tellumat is an innovative, black empowered, South African technology company that has achieved a B-BBEE Status Level 3 rating, as well as being a "Value-Adding Enterprise" in terms of the DTI's Codes of Good Practice. It consists of three major trading divisions; Communications, Defence and Contract Manufacturing, and three partly owned companies; SIA Solutions (Pty) Ltd, Encee Engineering (Pty) Ltd and SIMpill (Pty) Ltd. Tellumat services three primary market areas, namely wireless voice and data communications, defence communication systems and high precision electronic and mechanical manufacturing. Tellumat is a world-class business focused on innovation, offering our customers dynamic and competitive technology products and services. We focus on understanding our customers' needs and forming long-term strategic alliances with likeminded enterprises worldwide.

www.tellumat.com