

INAF - SKAO contracts management: a status report



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NEC4 Contracts

In 2021 and in 2023 INAF and SKAO, the intergovernmental organisation bringing together scientists and technologists from more than 20 Countries to build the world's largest radiotelescopes, have signed two Framework Contracts (FC) based on the NEC4[®] contract structure.

With the NEC4[®] LOW and OMC contracts, INAF has been adapting itself to the world's best and innovative methodologies with respect to the implementation of highly collaborative approaches in the areas of business relationship management and governance (*Vested*), as well as achievement of results (*SAFe*). During the period under analysis, the advantages which have arisen consist of the close collaboration among international partners participating in the development of the software (OMC) and antenna construction (LOW), the high level of trust, the highly stimulating working environment and adherence to the budget. In contrast, the strong work commitment and the time required of researchers can sometimes be particularly constraining.

SKA Low contract

Subject: Research, development and finalization of the various HW / FW / SW designs; Follow up to the Italian industrial production; Participation to the PSC Station Management Integration team.

Validity: November 2022
– March 2025

People: 19 from four INAF Observatories and partner institutions

FC yearly issues: 1

Work Orders completed: 6

Invoices Issued: 5 labour + 5 non-labour



SKA OMC contract

Subject: high-level skill work force

Validity: December 10,2021 – July 31,2029

People: 6 Developers with different seniorities, 1 Scientific Resp.,
1 Contract Manager - from three INAF Observatories

FC yearly issues: 3

Work Orders completed: 11

Invoices issued: 27 labour + 9 non-labour



References

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- LEGGE 14 agosto 2020, n. 115 Ratifica ed esecuzione della Convenzione istitutiva dell'osservatorio Square Kilometre Array, con Allegati, Roma 12 marzo 2019