



REPUBLIC OF THE PHILIPPINES
Department of Science and Technology
Philippine Atmospheric, Geophysical and
Astronomical Services Administration (PAGASA)
PAGASA Science Garden, Agham Road, Diliman, Quezon City 1100

TERMS OF REFERENCE
FOR THE SUPPLY, DELIVERY AND COMMISSIONING OF TELESCOPE AND
ACCESSORIES AND OTHER DISPLAY MATERIALS FOR VISAYAS AND MINDANAO
PLANETARIUM

A. OVERVIEW

PAGASA will establish the Visayas Planetarium in Mactan, Cebu and the Mindanao Planetarium in El Salvador City, Misamis Oriental as part of its modernization program. For the planetarium to be in full operation and serve the visiting students and the general public, additional facility will be added to the services of the Visayas and Mindanao Planetarium. The new Planetarium will provide the students, teachers and the general public as well, the conduct of telescoping and stargazing. The beauty of the nighttime sky will be experienced by the visiting public for them to be familiar with the celestial objects visible during the night from season to season. The school can no longer manage the whole task of formal education, therefore the new sources for the transmission of science information are needed. The conduct of telescoping and stargazing sessions is one of the avenue that will strengthen their awareness in science and technology in general and astronomy in particular.

B. The approved budget for the contract is **EIGHT HUNDRED EIGHTY THOUSAND (Php 880,000.00)** inclusive of Value Added Tax (VAT) and all government taxes.

C. QUALIFICATIONS OF BIDDERS

(Please refer to Section II, Instructions to Bidders, the Bid Data Sheet and Checklist of Eligibility Requirements).

D. BID PROPOSAL CONTENTS

Bidders shall respond paragraph by paragraph to the following specifications/scope of work and shall clearly indicate compliance (please see Section VII. Compliance Matrix). The bidder should include additional materials and activities he deems necessary to properly complete the project. Use additional sheets, if needed. The

bidder should include in this proposal descriptive literatures of all equipment/ materials to be supplied in original format, plans, drawings and diagrams/ configurations. These details permit PAGASA to fully evaluate cost tradeoffs.

E. BID VALIDITY

The bid shall remain valid for a period of one hundred twenty (120) calendar days from the date of opening bid.

F. DELIVERY PERIOD AND PLACE OF DELIVERY

The winning bidder shall supply, deliver and test the telescope and it accessories and other astronomy display materials at the Visayas PAGASA Regional Services, Mactan, Cebu and Mindanao PAGASA Regional Services, Molugan, El Salvador City, Misamis Oriental within the period of sixty (60) days, commencing from the date of the issuance of the Notice to Proceed (NTP).

G. TESTING NEEDS

The winning bidder shall explain the procedure of the operation and demonstrate the same to the end user and make sure that the items delivered are working properly. Furthermore, the winning bidder shall demonstrate the proper maintenance of the item in order to preserve it in its good operating condition.

H. TECHNICAL SPECIFICATIONS

(Please see attached additional sheet for the Technical Specifications needed)

I. WARRANTY

The items shall be warranted by the winning bidder for one (1) year. If the item fails to provide satisfactory operation during the warranty period, the item shall be replaced at the supplier's expense. While the equipment is undergoing repair, a spare unit shall be supplied to PAGASA to maintain the continuous operation of the equipment. Remedial action within seven (7) calendar days shall be taken. In case, the supplier failed to act within the said period, the winning bidder will be charged of an equivalent amount, to be deducted from the warranty bond.

All materials and labor expenses incurred during the warranty period shall be paid by the winning bidder.

J. AFTER SALES SUPPORT

Hardware/parts replacement should be available five (5) years after warranty period. The prospective bidder shall include in its bid a commitment for a dependable long term support to PAGASA for the repair and maintenance of the equipment to be supplied.

It shall include in its commitment a provision of a reliable, swift and efficient on-site-support and ensure quick and readily available supply of spare replacement parts.