

TENDER DOCUMENTS

for Procurement of Satellite Data Services



No. I&P/EWS/Sat-Comm/26-27

Pakistan Meteorological Department

Sector H-8/2,

Islamabad,

July, 2026

Tender Notice

The Pakistan Meteorological Department (PMD) invites bids through **PPRA e-Procurement System (EPADS)** from eligible firms, companies, telecommunication operators, satellite communication service providers, system integrators, and authorized satellite airtime resellers for the **Procurement of Satellite Data Services for the GLOF-II Early Warning System (EWS) Network in Gilgit-Baltistan and Khyber Pakhtunkhwa**. The brief description of the procurement is as follows:

S. No	Items Name	Closing Date & Time	Bid Opening Date & Time
1.	Procurement of Satellite Data Services	27-07-2026 at 10:30PST	27-07-2026 at 11:00PST

Terms and Conditions:

1. Bid Security equivalent to **2% of the bid value** in the form of Bank Draft/Pay Order in favour of **Director General, Pakistan Meteorological Department (PMD), Islamabad** shall be submitted along with the Bid.
2. Bids received after the closing date and time, incomplete bids, or bids submitted without the required Bid Security shall not be entertained.
3. The Procuring Agency reserves the right to accept or reject any or all bids and to cancel the bidding process at any stage prior to contract award without assigning any reason, in accordance with the applicable PPRA Rules.
4. The successful Bidder shall furnish a Performance Guarantee equivalent to **5% of the Contract/Work Order value** in the form of CDR, Pay Order, Bank Draft, or any other acceptable instrument in favour of **Director General, Pakistan Meteorological Department**, which shall remain valid until completion of the work.
5. The procurement shall be conducted through the **Single Stage – One Envelope Bidding Procedure** under Rule 36(a) of the Public Procurement Rules, 2004.
6. Detailed bidding documents, including specifications and other relevant information, are available free of cost on the following websites: www.pmd.gov.pk PPRA EPADS www.eprocure.gov.pk as well as www.ppra.org.pk

Note: All Firms are directed to quote their Bids online through PPRA E-PADS as well as original Bids must be submitted in hard forms to I&P Section, PMD Headquarters office, Islamabad

(Muhammad Hussam Khan)
Deputy Chief Admin Officer
Ph.00-92-51-9250286, Fax: 00-92-51-9250368

Section 1

Specifications

SPECIFICATION DOCUMENT

For Procurement of Satellite Data Services

1. Title of Procurement

Procurement of Pooled Satellite Data Services (BGAN M2M) for Pakistan Meteorological Department (PMD) – GLOF Early Warning System

2. Introduction

The United Nations Development Programme (UNDP) successfully implemented and completed the **Glacial Lake Outburst Flood Risk Reduction Project (GLOF-II)**, under which a network of Early Warning Systems (EWS) was established across Gilgit-Baltistan and Khyber Pakhtunkhwa. These systems were equipped with dedicated satellite communication services utilizing the MARLINK satellite communication network to ensure the uninterrupted transmission of hydro-meteorological observations and early warning data from remote and geographically challenging locations.

Following the successful completion of the GLOF-II Project, the ownership, operation, management, and maintenance of the installed Early Warning Systems (EWS) have been formally transferred to the Pakistan Meteorological Department (PMD). Accordingly, PMD has assumed full responsibility for ensuring the continued operation, maintenance, and availability of the satellite communication services essential for the reliable functioning of the EWS network.

In this regard, the Pakistan Meteorological Department (PMD) intends to procure MARLINK Mobile Satellite Communication Services through an open competitive bidding process from eligible, locally registered firms.

PMD hereby invites sealed bids from eligible firms, companies, telecommunication operators, satellite communication service providers, system integrators, and authorized MARLINK service providers and airtime resellers for the provision of MARLINK Mobile Satellite Communication Services for the GLOF-II Early Warning System (EWS) network deployed across Gilgit-Baltistan and Khyber Pakhtunkhwa.

The Pakistan Meteorological Department operates an extensive network of hydro-meteorological monitoring stations and Early Warning Systems located in remote and communication-constrained areas of Gilgit-Baltistan and Khyber Pakhtunkhwa, where conventional terrestrial communication infrastructure is either unavailable or insufficiently reliable. These installations rely on MARLINK satellite communication services for the secure, continuous, and reliable transmission of operational data, enabling weather monitoring and forecasting, flood forecasting, disaster risk reduction, and the timely dissemination of early warning information to vulnerable communities and relevant stakeholders.

The uninterrupted availability of these satellite communication services is therefore of critical importance to ensuring the continuous operation, reliability, and effectiveness of the Early Warning System network and to supporting PMD in fulfilling its statutory mandate for meteorological, hydrological, and disaster early warning services.

3. Scope of Work / Technical Specifications

The selected Firm shall provide comprehensive end-to-end Mobile Satellite Communication Services (MSS) utilizing the **MARLINK** satellite communication network for the Pakistan Meteorological Department's (PMD) Early Warning System (EWS) and hydro-meteorological monitoring network deployed across Gilgit-Baltistan and Khyber Pakhtunkhwa.

The scope of services shall include, but shall not be limited to, the following:

- BGAN M2M Customized Shared Corporate Allowance Plan (SCAP)

- Data Package: Pooled 45 GB data (shared across all SIMs) – not time-bound
- Number of SIMs: 291 SIM cards (BGAN M2M)
- System Configuration: Migration from existing UNDP account, creation of new PMD account, SIM card allocation, and consolidation of SCAPs.

Data Features:

- Shared pooled data allowance across all active SIMs
- Standard IP data service
- SMS capability (minimum 5 SMS per SIM per month)
- Minimum Call Duration & Billing Increment: As per standard BGAN M2M Plan
- Out-of-Bundle Rates: To be quoted separately for Standard IP and SMS

Usage Monitoring and Management

- Continuous monitoring of data usage and communication performance through Marlink Portal.
- Provision of automated usage alerts, configurable consumption thresholds, quota management, and proactive notification of abnormal usage patterns.
- The portal shall facilitate real-time monitoring of subscriber status, data usage, billing information, service activation, reporting, and account management.

4. Service Requirements

- The vendor must have valid authorization/agreement with Inmarsat / Marlink or equivalent authorized service provider.
- The service must support continuous real-time data transmission from remote hydrometeorological stations.
- The vendor shall provide full administrative access to the data management portal for activation, suspension, monitoring, and management of SIMs.
- Advisory and technical support services for optimizing network performance, service availability, bandwidth utilization, and communication costs throughout the contract period.
- Complete lifecycle management of satellite SIMs, including provisioning, activation, suspension, reactivation, replacement, transfer, and deactivation, as required by PMD.
- The vendor shall ensure 24/7 technical support for the service.

5. Delivery & Activation

- Immediate account migration and SIM activation upon contract award.
- Full functionality of the pooled data service to be provided within 7 days of contract signing.

6. Validity of Offer

The offer shall remain valid for a minimum period of 60 days from the date of submission.

7. Compliance

The bidder must submit:

- Valid authorization from the service provider (Marlink / Inmarsat or equivalent)
- Company profile and past experience in providing similar satellite services
- Compliance statement against each point of the specification

Note: Price/Financial proposal shall be submitted separately in the BOQ.

Terms & Conditions:

- **Earnest money/ Bid Security @ 2%** in the shape of Bank Draft/Pay order in favour of D.G PMD must be submitted with the offer.
- Bidders must submit copies of their registration of Sales Tax and Income Tax.
- Eligibility Criteria: Participating firm must be, fully experienced and registered with Govt. Authorities (FBR etc.).
- Bidder must submit on stamp paper
- That there are no pending liabilities in respect of the bidder/ firm against any government/semi-government department/ organization
- That the bidder has not been black listed by any government/ semi-government department/ organization. Legal documents can be asked by the buyer, if required.
- **BID VALIDITY:** Bids shall remain valid for a period of **at least 120 days after the date of opening of financial proposals.**
- In exceptional circumstances, prior to expiry of the original bid validity period, the Buyer may request that the bidders extend the period of validity for a specified additional period. The request and the responses there to shall be made in writing or by electronic mode. A bidder will not be required or permitted to modify its bid, but will be required to extend the validity of its bid security for the period of the extension.
- Prices must be quoted in Pak Rupees only including all applicable Govt. of Pakistan taxes & GST.
- The successful bidders will furnish performance guarantee in the shape of CDR/Pay Order/Bank Draft @ 5% of his supply order in favour of D.G. Met. Services till the completion of the work.
- The last date for the submission of tender is **27th July, 2026 at 10.30 Hours PST and will be opened on the same day at 1100 hours PST in the presence of bidders or their representatives.**
- The Procuring Agency reserves the right to cancel the bidding process at any stage without assigning any reason.
- Taxes will be deducted as per Government rules.
- The payment against will be made through crossed cheque(s) in Pak Rupees by the Department to the supplier after satisfactory completion of work and technical report submitted by the Technical Committee.
- Any bid found in deviation / violation / without earnest money would liable to be rejected.
- Bidding documents having detailed specifications are available free of cost at the website www.pmd.gov.pk PPRA EPADS www.eprocure.gov.pk as well as www.ppra.org.pk .