Subject: <u>Procurement of GSM Module</u>

The Commission intends to purchase GSM Module as per specifications given at **Annex "A".**

<u>Terms & Conditions</u>

➢ The quoted module must be compatible and integrated with Poseidon 2250 monitoring and alert system (HWg group).
➢ The integration of GSM module with existing alert system is part of the project and shall be the responsibility of the vendor.
➢ The module is to be delivered at SECP CRO Lahore.
➢ Quoted module must include warranty and support of at least one year.
➢ **Price** must be inclusive of all taxes applicable by Govt. of Pakistan.
➢ **Delivery** time within one week of receiving of P.O.
➢ **Validity** Minimum 30 Days from quoted date.
➢ **Bid Submission** Time as given on SECP Website.
➢ **Evaluation Criteria** to evaluate received quotations will be followed as under:
  o Technical Weightage 60%

Feature Required	Criteria	Weightage / Requirement
Integration support with existing Poseidon 2250 monitoring and alert system	MUST	MUST
Network Interface	RJ45, 10/100Mbps	20
GSM Band Support	Quad Band GSM Support (850/900/1800/1900MHz)	20
Protocol support	IP: ARP, TCP/IP (http, NTP), UDP/IP (SNMP), netGSM	20
Cell numbers Limit	At least 5 mobile numbers	20
Management /configuration interface	Web based GUI / App. Based	20

  o Financial Weightage 40%

➢ **Quantity** mentioned may increase or decrease.

If you are interested, please submit sealed quotation for the above item to the undersigned SECP, 63-NIC Building, Jinnah Avenue, Blue Area, and Islamabad within the specified period.

With best regards.

M. Ubaidullah Khalid
Assistant Director (Admin)

Technical Specifications of GSM Module

(HWg-SMS-GW or Equivalent) – Quantity Required: 01

Feature	Criteria
Cell numbers Limit	At least 5 mobile numbers
Management /configuration interface	Web based GUI / App. based
ETHERNET	
Interface	RJ45 (10BASE-T) – 10 Mbps or 10/100 Mbps network compatible
Supported protocols	IP: ARP, TCP/IP (http, NTP), UDP/IP (SNMP), netGSM
SNMP compatibility	Ver:1.00 compatible, partial ver. 2.0 implementation
GSM	
Interface	Quad-Band 850/900/1800/1900 MHz, Compliant to GSM phase 2/2+ – Class 4 (2W @ 850/900 MHz) – Class 1 (1W @ 1800/1900MH
Antenna connector	SMA male
POWER input	
Port	POWER 9-15V DC, must be provided with power adapter
Type	Main device power input (typically 400 mA + external devices)
Connector	Jack (barrel, inner 2.5mm outer6.3 mm) + Terminal block (parallel connection)
LED status indicators	
POWER	Green – power OK
LINK & Activity	Yellow - Ethernet connectivity
DIP SWITCH	
DIP1	**Load defaults:** Toggle 3 times during first 5 seconds after power-up to load default settings.
DIP2	Not used
Physical parameters	
Temperature range	Operating: -10 to 65 °C (!!!!!! to !!!!! °F) / Storage: -25 to 85 °C (-13 to 185 °F)
MTBF	> 90,000 hours
Dimensions / Mass	182 x 44 x 125 [mm] / 500 g
EMC	FCC Part 15, Class B, CE - EN 55022, EN 55024, EN 61000