



Telangana Technology Services Ltd.,

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5-10-103/40/206, Hyderabad, Telangana - 500 004, India.

Email: mngdirector-tgts@telangana.gov.in

Website: <http://www.tgts.telangana.gov.in>,

CIN No: U74900TG2015SGC101517

File Number: TGTS/HWP1/TGDPS/2025

Dt:08/02/2025

To

The Prospective Bidders

News Paper Advertisement

Telangana Technology Services Limited (TGTSL)

Tender Call Notice for Procurement compatible spare parts for existing Automatic Weather Stations (AWS) and customization, integration with the existing data reception system (with GSM technology) at TGDPS

Time schedule of various tender related events:

Bid calling date	08/02/2025
Date and time for Pre Bid conference	12/02/2025, 11:30 AM
Bid closing date/time	18/02/2025, 03:00 PM
Bid Document Fee	Rs.5,000/-
TGTSL Contact person & mail ids	bvrao-tgts-ts@telangana.gov.in Srinivasrao.T@gov.in mngdirector-tgts@telangana.gov.in
Tender Reference No.	TGTS/HWP1/TGDPS/2025

* For further details regarding detailed Tender Notification, specifications and digital certificates please visit <http://www.tgts.telangana.gov.in> and www.tender.telangana.gov.in.

Sd/-

Managing Director, TGTSL, Telangana,
Hyderabad

Tender Notice

	TGTSL-HWP1 – Procurement of compatible spare parts for existing Automatic Weather Stations (AWS) and customization, integration with the existing data reception system (with GSM technology) at TGDPS - Reg.
Sub	TGTSL invites bids for – Procurement of compatible spare parts for existing Automatic Weather Stations (AWS) and customization, integration with the existing data reception system (with GSM technology) at TGDPS as mentioned in this Tender document.
	<u>Time Schedule:</u> Last date and time for receipt of Bids : 18/02/2025, 03:00 PM Date and Time for opening of Bids : 18/02/2025 04:00 PM Pre Bid Conference Date and Time : 12/02/2025, 11:30 AM Mail Id for communication : bvrao-tgts-ts@telangana.gov.in , Ph : 9963029403 Bid Document Fee : Rs.5000/-
1	Scope of Bidders Responsibility 1) Supply of spare parts for Automatic Weather Stations (AWS) and customization, integration with the existing AWS and data reception system (with GSM technology) at TGDPS and comprehensive annual maintenance during the one year warranty 1.1 The work consists of: - Timely and continuously delivery of metrological data from the supplied spare parts (1 year warranty) having IMD/Other specified certificate of Automatic Weather Stations installed at various location across Telangana (see Section 4 Table 2) to the data centre of TGDPS located at Hyderabad. The supplied spare parts should be compatible with the existing AWS network. It is the responsibility of the vendor to check the compatibility of the spare parts proposed to be supplied with the existing AWS network. 1.2 The Automatic weather stations spare parts to be supplied include the sensor parameters of Rainfall, Air Temperature, Relative humidity, Wind speed, Wind Direction and Data logger (for technical specification see Section 4). 1.3 The contractor/s will provide the services and maintenance of the Spare of AWS Stations during the one Year Warranty period. 1.4 The services to be provided by the contractor/s under the data service and maintenance are as follows: - Recording, storing, transmitting and delivery of real time metrological data at the prescribed schedule and frequency from the Automatic weather stations to the data centre of TGDPS located at Hyderabad. - Maintenance of the spares supplied to ensure that they function as per their respective prescribed standards so that they continue to measure and transmit data to the data centre of TGDPS located at Hyderabad as per the frequency. - Provide and replace consumable items given as solar panel, DCP batteries, batteries of UPS, cables, Sensors and associated hardware, connectors and all other spare parts for continuous and regular functioning of the system. - Supply as per the necessity, the mandatory parts for the listed Stations equipment like data logger, Air Temperature, Relative humidity, Wind speed and wind direction etc, if damaged due to any reason. - Any part of machinery due to theft / damage for any reasons should be replaced immediately without waiting for the settlement of claim by the insurance agency. - Free maintenance service shall be provided by the supplier through the during the one year warranty period. 1.5 Periodical routine services shall be provided by the contractor/s on quarterly basis. Additional services shall be provided pre-monsoon and post-monsoon and at any time on breakdown in service by any of the AWS Stations. 1.6 Changes required for realigning the system at central stations and remote stations due to the change in

	operating for this project shall be done by the contractor/s at his own cost. Equipment required undertaking this change shall be the contractor's responsibility. 1.7 The contractor/s is responsible for managing the activities of its personnel or subcontracted personnel and will hold itself responsible for any of their misdemeanors. 1.8 The contractor/s will treat as confidential all data and information obtained in the execution of his task, in strict confidence and will not reveal such information to any other party without the prior written approval of TGDPS. 1.9 The Maximum response time for complaint towards replacement of not working spare within the warranty period shall not exceed 48 hours. In case an item is not usable, the contractor/s shall arrange for an immediate replacement of the same till it is repaired. Failure to arrange for immediate repair/replacement will be liable for penalty of Rs.500/- per day per Sensor including power supply subjected to a maximum amount equivalent to total contract value. Daily delivery of the metrological data at the scheduled time from the AWS Station to the data centre of TGDPS located at Hyderabad shall be considered by TGDPS for calculating the penalty to be imposed in the case of malfunctioning of any AWS Station / sensor beyond the allowable response time. No separate notice will be given for non-working sensors and stations and it is the responsibility of the vendor to see the stations not reporting through the online data available and rectify the stations. 1.10 It is the responsibility of the vendor to replace any defective equipment/sensors with new one certified by IMD/ National Institute of Standards and Technology (NIST), USA or equivalent International accreditation standards
2	Bid submission: Bids shall be submitted online on www.eprocurement.gov.in platform, This tender call is issued on e-procurement market place at www.tender.telangana.gov.in http://www.tgts.telangana.gov.in All the terms and conditions are to be read jointly as mentioned in the e-procurement market website and in this document. Bids received after the due date and time for any reason whatsoever shall not be considered for opening.
3	Any deviations in format may make the bids liable for rejection.
4	Bids should be valid at least for a period of 90 days from the date of bid opening.
5	Managing Director, TGTSL reserves the right to accept or reject any or all the bids without assigning any reasons thereof and to add, modify or delete any of the terms and conditions without any notice.
6	Conditional bids not acceptable and liable for rejection.
7	Bidder has to quote for items mentioned in tender document. L1 will be arrived considering total amount quoted for the tender.
8	No options will be accepted. If Bidder wants to give options, he may submit as separate bids along with Separate EMDs. These will be treated as separated bids for evaluation.
9	Transaction Fee: All the participating bidders who submit the bids have to pay an amount @ 0.03% of their final bid value online with a cap of Rs. 10,000/- for quoted value of purchase up to Rs.50 crores and Rs.25000/- if the purchase value is above Rs.50 crores & service tax @ 15 % levied by Govt. of India as applicable on transaction fee through online in favor of MD TGTS, HYDERABAD. The amount payable to MD TGTS, HYDERABAD is non-refundable.
10	EMD: Bidder should submit EMD of Rs. 3,50,000/- in the form of online/Bank DD/Bank Guarantee/copy of existing valid EMD at TGTSL valid up to three months from any scheduled bank in favor of The Managing Director, Telangana Technology Services Limited. EMD should be submitted in technical bid. EMD will be returned to unsuccessful bidders after issue of Orders to L1 bidder. The EMD of the successful bidder will be returned after supply of the items to the Department.

11	<u>Eligibility</u> <u>Pre Qualification criteria</u> 1) A bidder shall be considered qualified for participating in the bidding process if: (a) The bidder must be OEM or authorized representative of the OEM. The authorized representative of OEM shall enclose "Manufacturer's authorization certificate" with the technical bid. (b) The bidder is an entity that has been in existence for and doing meteorology / weather station business for the last 2 years. (c) The bidder should have a minimum annual financial turnover of Rs. 1 crore in last two financial years each (2022-23 / 2023-24) (d) During the last two years the bidder must have sold/supplied atleast fifty (100) Nos. similar sensors (Rain gauge, Air Temperature, Relative Humidity, wind speed, wind direction and Data logger) for meteorological application and should must attach supporting documents to endorse the supply. (e) Major client details to whom similar AWS are supplied and maintained in the past. (f) The spare parts supplied should be compatible with the existing AWS systems also compatible with existing data logger software in place. It is the vendor responsibility to check for the compatibility of the spares supplied with the existing AWS systems in place. Necessary proof need to be supplied. (g) Valid Certification from IMD/ National Institute of Standards and Technology (NIST), USA or equivalent International accreditation standards. 2) In support of their claim for qualification all bidders shall provide the following information as per the Forms of Bid and Qualification Information given in Section2: (a) Copies of original documents defining the constitution or legal statues, place of registration, and principal place of business; written power of attorney of the signatory of the Bid to commit the Bidder. (b) Annual financial report for the last 2 years signed by the bidder's auditors (c) Work performed by the bidder the last three years, satisfactory performance certificate from the clients. (d) Proof of compatibility of the spares supplied with the existing AWS frame work. The Exiting AWS on top of TGDPS office can be used for checking the compatibility. (e) Information regarding any litigation, current or during the last two years, in which the bidder is involved, the parties concerned and disputed amount. (f) Authority to seek references from the bidder's bankers. (h) Valid Certification from IMD/ National Institute of Standards and Technology (NIST), USA or equivalent International accreditation standards of sensors being replaced.
12	Delivery & Installation: 1. Successful Bidder shall deliver and install the goods/services within the delivery and installation period. For any delays in delivery and installation beyond delivery & installation period mentioned in the purchase order, Bidder will be liable for penalties as mentioned in Clause 14. 2. PO consisting of 1-5 locations, bidder has to deliver and install the equipment or has to obtain <u>Site Not Ready Certificate</u> (where ever Site is Not Ready) from User Department officials within 30 days from the due date of Delivery and installation.
13	Payment Terms: The payment shall be made in the currency/currencies specified in the contract. The supplier shall send his claim (with relevant documents, as required) to the appropriate paying authority as specified in the Schedule of Requirements and the contract. Before claiming any payment, the supplier shall ensure that all the contractual

obligations for claiming that payment have been duly fulfilled.

The payment shall be made in the following manner and on production of the following documents:

A) Payment for goods supplied:

Payment shall be made in Indian rupees by the purchaser's paying authority, as specified in the contract (and not through Letter of Credit), in the following manner:

80% of total contract price	After supply of spare parts and upon receipt of uninterrupted data and Quality check at desired interval for 3 days to check for compatibility with existing AWS framework
20% of total contract price	After completion of 1-year warranty period of spares supplied.

i. On delivery : Contract price shall be paid as above on receipt of the goods by the consignee and upon submission of following documents to the paying authority:

- The supplier's invoice showing contract number, description of goods, quantity unit price and the total amount;
- Manufacturers Supplier's warranty certificate;
- Pre-dispatch inspection certificate issued by the purchaser's nominated inspection agency, if so specified, and the supplier's factory inspection report
- Documents to support that bidder has established the compatibility of spares supplied with the existing AWS framework by testing for 3 days
- Certificate of origin, (if already imported goods are supplied)
- Provisional receipt certificate for the corresponding delivery, issued by the consignee ;and
- Any Other document(s) and/or modification of above documents specified in the Schedule of Requirements and the contract.

ii. On final acceptance: 20% of the contract price shall be paid after warranty period.

B) Payment for incidental services and supervision:

The incidental services and supervision, if required separately, will be specified in the Schedule of Requirements and in the contract. The payment-terms applicable for such services and supervision will also be specified therein.

- 14 Penalty for late delivery/Installation: For any delay in deliver/install, Bidder will be liable for penalties as follows:
- 1% of the late delivered/Installed goods for One week or part thereof; 1.5%, for Two weeks or part thereof; 2% for Three weeks or part thereof and so on up to a maximum of 10% on the value of late delivered goods.
 - If any delay is for more than 30 days, TSTS will reserve the right to cancel the order without giving any notice and EMD will be liable for forfeiture.

15 After Delivery: The items are to be installed as per time schedule.

16 Procedure for Bid Submission:

Bids shall be submitted online on www.tender.telangana.gov.in platform:

- The participating bidders in the tender should register themselves free of cost on e-procurement platform in the website www.tender.telangana.gov.in.
- Bidders can log-in to e-procurement platform in Secure mode only by signing with the Digital certificates.
- The bidders who are desirous of participating in e-procurement shall submit their technical bids, price bids as per the standard formats available at the e-marketplace.
- The bidders should scan and upload the respective documents in Pre-Qualification and Technical bid documentation as detailed in Tender including EMD. The bidders

	shall sign on all the statements, documents certificates uploaded by them, owning responsibility for their correctness/authenticity. 5. The rates should be quoted in online only. Financial Bid : On e-procurement website
17	Other conditions : 1.After uploading the documents, the copies of the uploaded statements, certificates, documents, original Demand Drafts in respect of Bid Security (except the Price bid/offer/break-up of taxes) are to be submitted by the bidder to the O/o The Managing Director, TGTSL, 2ndFloor, HACA Bhavan, Hyderabad as and when required. Failure to furnish any of the uploaded documents, certificates, will entitled in rejection of the bid. The TGTSL shall not hold any risk on account of postal delay. Similarly, if any of the certificates, documents, etc., furnished by the Bidder are found to be false / fabricated / bogus, the bidder will be disqualified, blacklisted, action will be initiated as deemed fit and the Bid Security will be forfeited. 2. TGTSL will not hold any risk and responsibility regulating non-visibility of the scanned and uploaded documents. 3. The Documents that are uploaded online on e-market place will only be considered for Bid Evaluation. 4. Important Notice to Contractors, Suppliers and Department users (i)In the endeavor to bring total automation of processes in e-Procurement, the Govt. has issued orders vide G.O.Ms.No. 13 dated. 5.7.2006 permitting integration of electronic Payment Gateway of ICICI/HDFC/Axis Banks with e-Procurement platform, which provides a facility to participating suppliers / contractors to electronically pay the transaction fee online using their credit cards.
18	Bidders are requested to submit the bids after issue of amendments/clarifications duly considering the changes made if any. Bidders are totally responsible for incorporating/complying the changes/amendments issued if any, before bid submission time & date.
19	TGTSL /User Department reserves their right in not considering the bid of a bidder, if such bidder was a previous supplier and had a past bad track record or their earlier performance was unsatisfactory or the Department noticed regarding unsatisfactory performance of the offered OEM brand items which were procured earlier on any count.
20	Delivery Location(s): O/o .Chief Executive Officer (CEO), TGDPS, Planning Department, "NORTH" Block, Ground Floor, Gananka Bhavan Premises, Khairtabad, Hyderabad - 500004
21	Service Level Agreement: <u>Maintenance Service:</u> - Free maintenance services including spares shall be provided by the supplier during the period of warranty. User, at its discretion may ask the Supplier to provide maintenance services after warranty period, i.e. Annual maintenance and repairs of the system at the rates indicated by bidder in its proposal and on being asked so, the Supplier shall provide the same. The cost of annual maintenance and repairs cost (after warranty period), which will include cost of spares replaced, shall be paid in equal quarterly installments at the end of each quarter. - The maximum response time for maintenance complaint from any of the destination (i.e. time required for supplier's maintenance engineers to report to the installations after a request call/mail is made or letter is written) shall not exceed 06 hours failing which action will be initiated on the supplier and the supplier will be blacklisted without any further Notice. - The Supplier will accomplish preventive and breakdown maintenance activities to ensure that all hardware, and firmware execute without defect or interruption for at least required up time. - In case up time is less than the stipulated up time, penalty as indicated in the tender document shall be imposed on the supplier. - The amount of penalty, if any, will be recovered at source from the performance guarantee during the warranty or from annual maintenance charges payable as the case may be or the penalty amounts will be deducted from the amounts payable to the Supplier by TSTS (Once this amount is exhausted, Bidder will be

	debarred from participating in tenders till the time he recoups the penalty amount).				
21.1	<u>Spare Parts:</u> 1. The Supplier may be required to provide any or all of the following materials, notifications and information pertaining to spare parts manufactured or distributed by the Supplier. 2. Such spare parts as the Department may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the PO. 3. In the event of termination of production of the spare parts, an advance notification to the Department of the pending termination, in sufficient time to permit the Department to procure needed requirements 4. The Supplier shall ensure availability of spares in stock at his nearest service centre for immediate delivery such spare parts as: (a) are necessary for a minimum of 5 years of operation after installation at the Purchaser's sites (b) are necessary to comply with specifications.				
21.2	<u>Warranty:</u> 1. The Supplier warrants that the goods and services supplied under the PO are new, unused, of the most recent or current models, and those they incorporate all recent improvements in design and materials unless provided otherwise in the PO. The Supplier further warrants that all goods and services supplied under this PO shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier, that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination. 2. The warranty period shall be as stated in bid document. The Supplier shall, in addition, comply with the performance guarantees, if any, specified under the PO. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, make such changes, modifications, and/or additions to the goods or any part thereof as may be necessary in order to attain the Purchase Order guarantees specified in the PO at its own cost and expenses and to carry out further performance tests. 3. The equipment supplied should achieve required up time. 4. Department shall promptly notify the Supplier in writing of any claims arising under this warranty. 5. Upon receipt of such notice, the Supplier shall, within the specified period and with all reasonable speed, repair or replace the defective goods and services or parts thereof, without costs to the user. 6. If the Supplier, having been notified, fails to remedy the defect(s) within a reasonable period, Department may proceed to take such remedial action as may be procurement of hardware for the Department necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Department may have against the Supplier under the PO.				
21.3	<u>Training:</u> For each hardware and software component installed, Bidder may be required to train the designated TGTSL or user Department personnel to enable them to effectively operate the total system.				
21.4	<u>Up time:</u> 24X7 Service. Bidder should attend & resolve to the breakdown call within 24 hours. If any spare parts are to be replaced the call shall be completed within 48 Hours including holidays from the date of attending the call. Failing which penalty is applicable as per terms & conditions.				
21.5	<u>Penalties during warranty & maintenance period</u> If down time is more than the permissible down time following penalties shall apply (for every day beyond permissible window time penalty shall be imposed as mentioned below in the table <table border="1"> <tr> <td>Item</td><td>Penalty beyond permissible down time for every day or part thereof and soon.</td></tr> <tr> <td>All Items</td><td>0.5% cost of the items at that site subject to a maximum of total equipment cost at that site.</td></tr> </table> Note: The penalty amount will be recovered from the amounts payable to Bidder by TSTS. Once this amount is exhausted, Bidder will be debarred from participating in tenders till the time he recoups the penalty amount.	Item	Penalty beyond permissible down time for every day or part thereof and soon.	All Items	0.5% cost of the items at that site subject to a maximum of total equipment cost at that site.
Item	Penalty beyond permissible down time for every day or part thereof and soon.				
All Items	0.5% cost of the items at that site subject to a maximum of total equipment cost at that site.				

22	Variation of quantities: 100%.
23	Delivery & Installation period: 03 weeks from the date of receipt of the PO.
24	Exit clause: In case the Supplier has not delivered/install the goods and services within the specified period, unless otherwise extended by the purchaser in writing, then the Purchase Order is deemed terminated, EMD will be forfeiture and action will be initiated on the supplier.
25	Liquidated damages: If the supplier fails to deliver any or all of the goods or perform the services within the time period(s) specified in the Purchase Order, the Telangana State Technology Services Limited (TGTSL) shall, without prejudice to its other remedies under the Purchase Order, deduct from the Purchase Order Price, as liquidated damages, a sum equivalent to, as per the terms indicated in the bid document, until actual delivery or performance, subject to maximum limit. Once the maximum is reached, the Telangana State Technology Services Limited (TGTSL) may consider termination of the Purchase Order.
26	Termination for default: - The Telangana State Technology Services Limited (TGTSL), without prejudice to any other remedy for breach of Purchase Order, by written notice of default sent to the supplier, may terminate the Purchase Order in whole or in part: - if the supplier fails to deliver any or all of the Goods/services within the time period(s) specified in the Purchase Order, or within any extension there of granted by the Telangana State Technology Services Limited (TGTSL) or - if the supplier fails to perform any other obligation(s) under the Purchase Order or - if the supplier, in the judgment of the Telangana State Technology Services Limited (TGTSL) has engaged in corrupt or fraudulent practices in competing for or in executing the Purchase Order. - In the event the Telangana State Technology Services Limited (TGTSL) terminated the Purchase Order in whole or in part, Telangana State Technology Services Limited (TGTSL) may procure, upon such terms and in such manner as it deems appropriate, goods or services similar to those undelivered, and the supplier shall be liable to the Telangana State Technology Services Limited (TGTSL) for any excess costs for such similar goods or services. However, the supplier shall continue performance of the Purchase Order to the extent not terminated.
27	Force majeure: - The supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Purchase Order is the result of an event of Force Majeure. - For purposes of this clause, "Force Majeure" means an event beyond the control of the supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Telangana State Technology Services Limited (TGTSL) in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. - If a Force Majeure situation arises, the supplier shall promptly notify the Telangana State Technology Services Limited (TGTSL) in writing of such condition and the cause thereof. Unless otherwise directed by the Telangana State Technology Services Limited (TGTSL) in writing, the supplier shall continue to perform its obligations under the Purchase Order as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
28	Resolution of disputes; - The Telangana State Technology Services Limited (TGTSL) and the supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Purchase Order. - If, after thirty (30) days from the commencement of such informal negotiations, the Telangana State Technology Services Limited (TGTSL) and the supplier have been unable to resolve amicably a Purchase Order dispute, either party may require that the dispute be referred for resolution to the formal mechanisms specified here in. These mechanisms may include, but are not restricted to, conciliation

	mediated by a third party. 3. The dispute resolution mechanism shall be as follows: 4. In case of a dispute or difference arising between the Telangana State Technology Services Limited (TGTSL) and the supplier relating to any matter arising out of or connected with this agreement, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, of India, 1996. 5. in case of any dispute arises between the parties with regard to any of the terms of the Purchase Order, then as per 1.31.4 an Arbitrator may be appointed as per the Arbitration and Conciliation Act, 1996, and that both parties may appoint a Consent Arbitrator and in case if the same is not done, then the Arbitrator may be appoint by an Order of the Court. 6. Jurisdiction: The place of Arbitration shall be at Hyderabad only The place of Arbitration shall be at Hyderabad.
29	Taxes and duties: The supplier shall be entirely responsible for all taxes, any other future taxes as per the then prevailing laws established by the Government or Statute duties, license fee Octroi, road permits etc. incurred until delivery of the Purchase Ordered Goods/services at the site of the user or as per the terms of tender document if specifically mentioned.
30	Outline of bid evaluation procedure 1. The bid opening and evaluation process will be sequential in nature. Means that bidder must qualify a particular stage to be eligible for next stage. Immediately after the closing time, the TGTSL contact person shall open the Technical bids and list them for further evaluation. Later financial bids of those bidders will be opened who are short listed in technical evaluation. 2. The standard procedure, described here will stand appropriately modified, in view of special procedures of bid evaluation as mentioned in tender call or elsewhere in this bid document or TGTSL may deviate from these in specific circumstances if it feels that such deviation are unavoidable, or will improve speed of processing and consequent project execution. General Guidelines for bid opening and evaluation: Bids will be in Two parts (technical and financial) as indicated in the tender call. For two part bid there will be two bid openings ; “Technical bid opening” and “Financial bid opening” Opening of bids Bids will be opened online on e-procurement website. Preliminary examination of Bids: 1. Preliminary scrutiny will be made to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order. 2. Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If Bidder does not accept the correction of the errors, its bid will be rejected and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail. 3. TGTSL may waive any minor informality, nonconformity or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder. 4. Prior to the detailed evaluation, TGTSL will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. 5. If a bid is not substantially responsive, it will be rejected by the TGTSL and may not subsequently be made responsive by Bidder by correction of the nonconformity. Clarification of bids : During evaluation of the bids, TGTSL may, at its discretion, ask Bidder for clarification of its bid and required document copies. Evaluation of technical bids: Technical bid documentation shall be evaluated in two sub-steps. a. Firstly, the documentation furnished by Bidder will be examined prima facie to see if the offer made, technical skill base and financial capacity and other bidder attributes claimed therein are consistent with

the needs of this project.

- b. In the second step, TGTSL may ask bidder(s) for additional information, document copies, if required, visit to bidders site and/or arrange discussions with their professional, technical faculties to verify claims made in technical bid documentation.

In lab proof of concept:

The in lab proof of concept on demand may be organized either in TGTSL or in Bidder 's lab by mutual discussion. In case it is organized in TGTSL lab, TGTSL would make available generic hardware for this purpose. Application specific hardware and software will have to be brought in by Bidder .

Field demonstration : TGTSL will identify a part or segment of the proposed project site. The concerned bidder, on demand, should be able to demonstrate functional requirements as described in the specifications for the items offered.

Evaluation of financial bids:

Financial bids of those bidders who satisfy all phases of the pre-qualification and technical bid and corresponding to chosen technical bid choices will only be opened. All other financial bids will be ignored. TGTSL will assess the nature of financial offers and may pursue any or all of the options mentioned under financial bid TGTSL may at its discretion discuss with bidder(s) available at this stage to clarify contents of financial offer.

Evaluation and comparison of financial bids:

1. Evaluation of financial bids will exclude and not take into account any offer not asked for or not relevant to the present requirements of user.
2. Evaluation of financial bid will take into account, in addition to the basic bid price, one or more of the following factors
 - a.) The projected costs for the entire Purchase Order period;
 - b.) Past track record of bidder in supply/ services and
 - c.) Any other specific criteria indicated in the tender call and/or in the specifications.

Performance and productivity of the equipment

Bidders shall state the guaranteed performance or efficiency in response to the specifications.

Contacting TGTSL

1. Bidder shall not approach TGTSL officers outside of office hours and / or outside TGTSL office premises, from the time of the tender call notice to the time the Purchase Order is awarded.
2. Any effort by a bidder to influence TGTSL officers in the decisions on bid evaluation, bid comparison or Purchase Order award may result in rejection of Bidder 's offer and bidder may also be marked as ineligible for future bids. If Bidder wishes to bring additional information to the notice of the TGTSL , it should do so in writing.

TGTSL ' right to vary quantities at time of award

TGTSL reserves the right at the time of award to increase or decrease the quantity, as indicated in tender call, from the quantity of goods and services originally specified in the specification without any change in unit price or other terms and conditions.

TGTSL ' right to accept any bid and to reject any or all bids.

TGTSL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of Purchase Order, without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for such decision.

Signing of issue of Purchase Order

- a. At the same time as the Tender committee notifies the successful bidder that its bid has been accepted, the TGTSL will issue Purchase Order. In case of Contract Agreement, on receipt of the Contract Agreement Form, the successful bidder shall sign and date the Contract and return it to the TGTSL .

Performance security(if defined in this tender document)

- a. On receipt of Purchase Order from TGTSL , successful bidder shall furnish the performance security in accordance with the conditions of Purchase Order, in the performance security form provided in the bidding documents or in another form acceptable to the TGTSL.
- b. Failure of the successful bidder to sign the accept the Purchase Order and execute it, proposed in this document and as may be modified, elaborated or amended through the letter, shall constitute sufficient

	grounds for the annulment of the award and forfeiture of the EMD/bid security, in which event the TGTSL may make the award to another bidder or call for new bids. Corrupt, fraudulent and unethical practices: “Corrupt practice” means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the process of Purchase Order execution and “Fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a Purchase Order to detriment of the purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition: “Unethical practice” means any activity on the part of bidder, which try to circumvent tender process in any way. Unsolicited offering of discounts, reduction in financial bid amount, upward revision of quality of goods etc after opening of first bid will be treated as unethical practice. - TGTSL will reject a proposal for award and also may debar Bidder for future tenders in TGTSL, if it determines that Bidder has engaged in corrupt, fraudulent or unethical practices in competing for, or in executing a Purchase Order.
31	User license and patent rights: - Bidder shall provide licenses for all software products, whether developed by it or acquired from others. In the event of any claim asserted by a third party for software piracy, Bidder shall act expeditiously to extinguish such claim. If Bidder fails to comply and the TGTSL is required to pay compensation to a third party resulting from such software piracy, Bidder shall be responsible for compensation including all expenses, court costs and lawyer fees. The TGTSL will give notice to Bidder of such claim, if it is made, without delay. - Bidder shall indemnify the purchases against all third party claims of infringement of patent, trademark or industrial design rights arising from use of the goods, software package or any part thereof.
32	Delays in the supplier’s performance: - Delivery of the Goods and performance of the services shall be made by Bidder in accordance with the time schedule specified by the TGTSL in the specifications. - If at any time during performance of the Purchase Order, Bidder or its sub Purchase Order(s) should encounter conditions impeding timely delivery of the goods and performance of services, Bidder shall promptly notify the TGTSL in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of Bidder’s notice, TGTSL shall evaluate the situation and may at its discretion extend Bidder’s time for performance, with or without liquidated damages. - A delay by Bidder in the performance of its delivery obligations shall render Bidder liable to the imposition of appropriate liquidated damages, unless an extension of time is agreed upon by TGTSL without liquidated damages.

General Manager

Bid Formats

Bid Letter Form

From:
(Registered name and address of Bidder .)

To
The Managing Director,
Telangana Technology Services Ltd.,
2nd floor , HACA Bhavan, , opp. to Public Gardens,
Hyderabad, Telagana-500 004.

Sir,

Having examined the bidding documents and amendments there on, we the undersigned, offer to provide services/execute the works including supply, delivery installation of hardware, firm wares and software as the case may be, in conformity with the terms and conditions of the bidding document and amendments there on, for the following project in response to your tender call no _____ Dt: _____ or its part assigned to us in conformity with the said bidding documents for an amount quoted in financial bid accordance with the schedule of prices attached herewith and coverage options made by TGTSL or its user organization.

If our bid is accepted, we undertake to;

- a. provide services/execute the work according to the time schedule specified in the tender document,
- b. obtain the performance guarantee of a bank in accordance with bid requirements for the due performance of the Purchase Order, and
- c. Agree to abide by the bid conditions, including corrigendum, if any, which remain binding upon us during the entire bid validity period and bid may be accepted any time before the expiration of that period.

We understand that you are not bound to accept the lowest or any bid you may receive, nor to give any reason for the rejection of any bid and that you will not defray any expenses incurred by us in bidding.

Date & Place:

Signature of Bidder & Stamp

Form P1 - Details of Service Centers in Telangana State

#	District	Full Address of service center	Contact person with phone No.	No. of support engineers and their details : Name, Qualification and Experience
A	B	C	C	D
1				
2				
3				
4				
5				

Date & Place:

Signature of Bidder & Stamp

Form P2 - Declaration Regarding Clean Track Record

To
 The Managing Director,
 Telangana Technology Services Ltd.,
 2nd floor ,HACA Bhavan, , opp. to Public Gardens,
 Hyderabad, Telagana-500 004.

Sir,

I have carefully gone through the Terms & Conditions contained in the Tender Document _____, dt._____. I hereby declare that my company/ Consortium Partners has not been debarred/ black listed as on Bid calling date by any Central or State Government / Quasi Government Departments or Organizations in India for non-satisfactory past performance, corrupt, fraudulent or any other unethical business practices. I further certify that I am competent officer in my company to make this declaration.

Yours faithfully,

(Signature of Bidder)

Name & Designation

Seal & Date:

Business Address:

Form P3 – General information

#	Description	Details shall be provided.
1	Name of Firm	
2	Registered Address of firm	
3	No. of Employees	
4	Office address details in Hyderabad	
5	Contact Ph. No. and e-mail address communication	
6	Type of firm Establishment	
7	Service center details	

Date & Place:

Signature of Bidder & Stamp

Form P4 - Sales Turnover Claim Details (If Any)

Item wise sales turnover details as per qualification criteria of this Tender document (taking in to consideration all the amendments issued to this document if any) are to be provided in the following format along with supporting documents:

#	Department/ Customer	Items Supplied	Year	Total No. of Sales	Amount (Rs.)	Remarks

Note: Valid Supporting document proofs shall be submitted (Purchase Orders/contract copies)

Place & Date

Bidder's signature and Seal

Form P5 – Firm Financial Turnover Details

	March 31st 2023	Mrch'31 2024
Turnover (in INR crore)		
Profit Before Tax (in INR crore)		
Net Worth of Company		

Note: Supporting document should be submitted

Place & Date

Bidder's signature and Seal

Form P6 – Bidder Declaration regarding Delivery Commitment

We, M/s. _____ are committing to deliver and install all the items within 3 weeks time from the date of Work order/Purchase order as per the delivery and time schedule mentioned in the RFP. Further, we are submitting that we will accept cancellation of Work order/Purchase order / Purchase order /Contract Agreement in such a case.

Yours faithfully,

(Signature of the Bidder)

Printed Name & Designation

Seal/Stamp, Date and Business Address:

Form P7 – OEM Declaration regarding Delivery Commitment

We, M/s. _____are committing to arrange the items to M/s. _____within the 3 weeks as per the delivery and time schedule mentioned in the Tender Document.

Yours faithfully,

(Signature of the OEM)

Printed Name & Designation

Seal/Stamp, Date and Business Address:

Form T1 - Check List

I. Compliance/Agreed/Enclosed/ Deviation Statement

The following are the particulars of compliance/deviations from the requirements of the tender specifications.

Bid document reference	Submitted/Agreed/Remarks
1.Bid Letter Form	
2. Form P1 to P7	
3. Form T1	
4. Form T2	
7. Form F1	
8. Pre-qualification criteria	
9. Technical specifications	
10. Financial bid format	
11 .ROC /Firm Registration copies, PAN and GST	
12. Other Document copies if any as per tender	

The specifications and conditions furnished in the bidding document shall prevail over those of any other document forming a part of our bid, except only to the extent of deviations furnished in this statement.

Place & Date

Bidder's signature and Seal

NOTE: For every item appropriate remarks should be indicated like 'no deviation', 'agreed', 'enclosed' etc. as the case may be.

Technical Bid Format - Form T2

General specifications for all the listed equipments:

Quotes are requested from only reputed companies with proven track record of effective and timely technical service with dedicated service engineers. Complete information regarding the technical specifications of the equipments must be provided in the form of printed technical brochures along with information of relevant internet webpage so that the claimed specifications could be verified. Companies are required to provide information regarding the technical support people who could be contacted in case of any doubts regarding the functioning of the equipment and if possible could arrange for demonstration of the equipment's capabilities. List of end users with contact details like phone numbers and email addresses should be provided. All the equipments should be capable of functioning under tropical conditions that is prevalent in Telangana. It is the responsibility of the company to ensure proper demonstration of all the capabilities of the equipments to the satisfaction of the end user. It is the responsibility of the vendor to check for the compatibility of proposed spares being supplied with the existing AWS of TGDPS.

List of AWS Spare parts

TABLE-2

#	Item description	Qty(Nos)	Make & Model
1	Air Temperature & Relative Humidity Sensor with 2M Cable with 1 year warranty.	165	<<Compatible with the existing AWSs at TGDPS>>
2	Wind direction sensor with 3Mtr cable with 1 year warranty.	225	<<Compatible with the existing AWSs at TGDPS>>
3	Wind speed sensor with 3Mtr cable with 1 year warranty.	225	<<Compatible with the existing AWSs at TGDPS>>
4	Data logger Board with housing (Ver. 4.5) with 1 year warranty.	30	<<Compatible with the existing AWSs at TGDPS>>

The tender is floated to establish the following major components

A.AWS equipment

The detailed specifications, which are minimum requirement for above components, are given below;

A.SENSORS FOR WEATHER OBSERVATION

All the sensors shall have traceability to India Meteorological Department/National Institute of Standards and Technology (NIST), USA or equivalent International accreditation standards. The sensors proposed should be compatible with the existing datalogger and AWS framework of TGDPS

The sensor specifications for recording each of the above weather variables are given below;

Name of the Instrument & Sensor	Desirable Height above ground level which it is to be installed	Characteristics (Range, Accuracy, Resolution)
1. Air Temperature	2m	a) Range :- -5°C to + 60° C b) Accuracy :- $\pm 0.1^{\circ}\text{C}$ c) Resolution:- 0.1°C d) Response Time:- 10 sec or better
2 .Relative Humidity	2m	a) Range :- - 0 to 100% b) Accuracy :- $\pm 3\%$ c) Resolution:- 1% d) Response Time:- 10 sec or better
3.Wind speed	3m (10 ft)	a) Range :- - 0 to 60 m/sec b) Accuracy :- $\pm 0.5 \text{ m/s}$ c) Resolution:- 0.1 m/s d) Threshold:- 0.5 m/s e) ResponseTime:-Immediate (beingultrasonic)
4.Wind Direction	3m (10 ft)	a) Range :- - 0 to 359° b) Accuracy :- $\pm 5^{\circ}$ c) Resolution:- 1° d) Threshold:- 0.5 m/s e) Response Time:-Immediate

A. DATA LOGGER AND POWER UNIT

The data logger shall automatically collect the observations from attached sensors, process the same, store them into its memory as per the pre-program and data shall be transmitted through GSM communication to the receiving unit setup at TGDPS, Hyderabad. The number of analog/digital/SDI channels in the data logger must be 10 or more. The data logger should be compatible with the existing sensors and AWS framework of TGDPS

The data logger should perform the following tasks;

- Memory capacity to retain at least one year's data of all the parameters. Data shall be available even if the power supply to the system has failed (RAM Backup) for six months.
- The stored data shall be retrievable via serial port to a PC/laptop or any other compact and commercially available solid-state memory device.
- The system shall allow the remote access via communication unit from the base station to know the status of sensors and check log files through a software solution as required and shall have selectable options.
- The system shall have a weather-proof housing and a suitable tower of galvanized iron / non-rusting /rust resistant material.

POWER SUPPLY

- Battery: Single 12 V chargeable maintenance-free battery ~ 20 AH capacity or higher to accommodate power consumption by GSM modem and accessories. Back-up battery:

- Sealed lithium 12 V batteries of ~ 6.5 AH capacity or other suitable one.
- b) Charge controller: Internal or External
 - c) Solar panel: Rated capacity 30W, Open circuit voltage: 21 V, Short circuit current 2.4 A

C. COMMUNICATION UNIT

Overall requirements for compatibility of the spare supplied to the existing GSM cellular network at TGDPS may be ensured by the bidder. Complete end-to-end solution shall be the responsibility of the bidder.

Storage: Should have adequate memory to store the periodical data received from AWS data logger and transfer. It should also contain configuration information about details of the GSM Communication Unit

Data Recording: Should support recording interval as low as 1 sec and it should be user selectable. The storage details have to be communicated to the server and an interface should be provided to manage the storage space of communication unit from the server.

Data transmission through GSM:

The system should be able to send the collected and stored weather data to the data server through GSM in a compressed format. The data transmission interval should be configurable over the air and any new transmissions should happen as per the newly configured interval. Whenever there is a break in the transmission due to the signal coverage, the system should try repeatedly and send the data back to the server ensuring zero data loss. Any failure in GSM data transmission to the Primary IP should automatically attempt data transfer to the Secondary IP. During a signal loss condition, the system should keep trying for the transmission and resume the transmission once the GSM network is available.

- The main data hub located at TGDPS, Hyderabad and both hardware and software components are maintained by TGDPS personnel.

Financial Bid Format - Form F1

#	Item details with make and model	Unit Price without taxes (Rs.)	Taxes/ Duties etc on unit price (Rs.)	Unit Price with all taxes (Rs.)	QTY (Nos)	Total price with taxes and duties etc
1	Air Temperature & Relative Humidity Sensor with 2M Cable				165	
2	Wind direction sensor with 3Mtr cable.				225	
3	Wind speed sensor with 3Mtr cable				225	
4	Data logger Board with housing (Ver. 4.5)				30	
Total Price incl. of all taxes (Rs.)						

Delivery & installation : 3 Weeks from date of receipt of Purchase Order

Date

Signature of Bidder & Stamp

Annexure I - Bid Security (EMD) Form/ (BG)

(To be issued by a bank scheduled in India and having at least one branch in Hyderabad)

Whereas..... (Here in after called "the Bidder") has submitted its bid Dated (Date) for the execution of..... (Here in after called "the Bid")
KNOW ALL MEN by these presents that WE of having our registered office at..... (hereinafter called the "Bank") are bound unto the Telangana State Technology Services Limited (hereinafter called "The TGTSL ") in the sum of for which payment well and truly to be made to the said TGTSL itself, its successors and assignees by these presents.

The conditions of this obligation are:

1. If the bidder withdraws its bid during the period of bid validity or
2. If the bidder, having been notified of the acceptance of its bid by the TGTSL during the period of bid validity:
 - a. fails or refuses to execute the contract form/PO if required; or
 - b. fails or refuses to furnish the performance security, in accordance with the bid requirement;

We undertake to pay the TGTSL up to the above amount upon receipt of its first written demand, without the TGTSL having to substantiate its demand, provided that in its demand the TGTSL will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to the period mentioned in Section-C and any demand in respect thereof should reach the Bank not later than the above date.

Place:
Date:

Signature of the Bank
and seal.

--End of Document--