EXPRESSION OF INTEREST (EOI)

for Empanelment of Technology Providers

SANT GADGE BABA UNNAT GRAM YOJANA

Smart & Intelligent Village Project

Amravati District – 23 Gram Panchayats

Supply, Installation, Commissioning and Operation Support of the 42 Technology Categories in the District Technology Catalogue

EOI Reference No.	[EOI/SGBUGY/- 01 /2026]
Issuing Authority	Zilla Parishad, Amravati
Technical Anchor Institute	Government College of Engineering, Amravati
Date of Issue	06/11/2026
Last Date for Queries	12/11/2026
Last Date and Time for Submission	21/11/2026
Submission Portal	Maha Tender

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1. Background

The Sant Gadge Baba Unnat Gram Yojana – Smart & Intelligent Village Project aims to use appropriate, low-maintenance technology to address validated village problems in agriculture, health, water, sanitation, education, governance and safety, and livelihoods in rural Amravati.

A diagnostic need assessment (the Gram Panchayat DNA reports) was carried out in 22 Gram Panchayats of Chandur Bazar Taluka and 1 Gram Panchayat of Amravati Taluka. The problems recorded in Part 4 of every DNA report were consolidated into a District Technology Catalogue, which is problem-led and vendor-neutral. For each validated problem, the catalogue states the root cause, the technology category sought (by function only), the intended outcome, the benefit model and the number of Gram Panchayats (GPs) demanding it. The former combined soil, seed and fertilizer mini-lab lot (A-01) has been bifurcated into three separate lots (A-10, A-11 and A-12), and seventeen further technology categories identified from district-level priorities in agriculture, animal husbandry, health and nutrition, water, governance, education and livelihoods (Lots A-13, A-14, AH-01, AH-02, H-05 to H-09, WSH-02, WA-02, WA-03, G-04, G-05, E-02, E-03 and L-02) have been added to the catalogue. For these lots the GP allocation is by district decision.

This EOI invites technology providers to express interest in supplying the technology categories in that catalogue. The 42 catalogue Reference IDs (A-02 to A-14, AH-01 and AH-02, H-01 to H-09, WH-01, WH-02, WSH-01, WSH-02, WA-01 to WA-03, WASH-05, G-01 to G-05, L-01, L-02, E-01 to E-03) are used as the lot numbers in this document. The evaluation of responses follows the STREAM Matrix prescribed by the Government of Maharashtra, Rural Development Department, in its Government Resolution dated 30 April 2026 (see Section 7 and Annexure I).

2. Objectives of this EOI

- To identify capable and experienced technology providers for each of the 42 technology categories (Lots A-02 to E-03).
- To understand available solutions, deployment experience, support models and indicative 3-year costs.
- To prepare a panel of providers whose solutions can be validated for technical feasibility and included in Detailed Project Reports (DPRs) for the villages.

The technology categories are described by function only. This EOI does not prescribe any brand, model or supplier.

3. Nature of this EOI

This is a request for expressions of interest only. It is not a tender or a request for a binding financial offer. After shortlisting of vendors based on the STREAM matrix (Smart Technology for Rural Ecosystem Assessment Matrix) provided in Annexure I of this EOI, a Taluka level Technology exhibition will be conducted, which will be attended by the representatives of the respective Gram Panchayats. Further a tender will be then issued to those shortlisted.

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4. Scope: the 42 Technology Categories (Lots)

Providers may respond to one, several or all lots. The table gives, for each lot, the technology category sought, the technical scope expected, the benefit model and the number of GPs demanding it. Village-wise demand is in Annexure E.

Lot (Ref ID)	Sector	Technology category sought (function only)	Technical scope expected and intended outcome	Benefit model	GPs demanding / units
A-02	Agriculture	Weather Stations & Crop Alert System (IoT nodes, local dashboard, vernacular alerts)	Connected field weather station measuring local microclimate and selected farm variables with alerts/advisories. *Intended outcome: Climate-resilient, weather evidence for crop planning and risk alerts.*	Public good	12 GPs / 12 units
A-03	Agriculture	AI-Assisted Crop, Pest & Disease Identification (Digital image processing and AI based smart advise system)	Mobile/image-based computer-vision system that identifies crop disease or pest symptoms and provides advisory information. *Intended outcome: Earlier identification and response to crop threats; reduced avoidable crop loss.*	Public good	18 GPs / 18 units
A-04	Agriculture	Digital Market-Price & Farmer Advisory Platform (vernacular mobile/web information service/feed for centrally located digital display)	Mobile/web agricultural information platform providing mandi prices, weather, pest/disease information and advisory services. *Intended outcome: Better awareness of prevailing prices and more informed sale decisions.*	Public good	10 GPs / 10 units
A-05	Agriculture	Digital / IoT Rainfall Measurement Platform (automatic rain gauge, data logging and telemetry)	Automatic precipitation sensor, typically a tipping-bucket rain gauge, with digital logging and telemetry. *Intended outcome: Local Rainfall estimation for drought insurance claim validation and water management*	Public good	12 GPs / 12 units
A-06	Agriculture	Precision Agricultural Drone Sprayers (GPS-mapped targeted spraying, controlled application)	Unmanned aerial spraying platform with tank, controlled flow, navigation, obstacle detection and precision application. *Intended outcome: Reduced chemical runoff; safer and more uniform application.*	Shared (group)	4 GPs / 4 units
A-07	Agriculture	IoT-Enabled Fruit Ripening Chambers (temperature, humidity, ventilation and ethylene control)	Controlled ripening chamber regulating temperature, humidity, ventilation and ethylene concentration. *Intended outcome: Uniform scheduled ripening and improved post-harvest management.*	Shared (group)	4 GPs / 4 units
A-08	Agriculture	Farm Laboratory / Microbial Bio-input Development Facility (microbial consortia, biofertilizers, biopesticides and natural-input preparation)	Local laboratory/training unit for preparation and multiplication/use of microbial cultures, microbial consortia, biofertilizers, biopesticides and natural agricultural inputs. *Intended outcome: Improved soil biological activity; local production and use of beneficial microorganisms and natural inputs.*	Shared (group)	15 GPs / 15 units
A-09	Agriculture	Wildlife intrusion detection with alert, and non-harmful deterrence (sensor-triggered sound/light barrier)	Wildlife-intrusion detection network using field-boundary sensors, local alerts and non-harmful deterrence controls. *Intended outcome: Crop damage reduced; farmers alerted in time; no harm to animals*	Shared (farmers)	10 GPs / 10 units
A-10	Agriculture	Soil Testing System (laboratory-grade multi-parameter analysis with digital soil-health card output)	Soil-testing equipment / laboratory set-up analysing macro- and micro-nutrients, pH, EC and organic carbon, generating digital soil-health reports and crop-wise fertilizer recommendations in Marathi. *Intended outcome: Evidence-based nutrient management and reduced input cost.*	Shared (group)	15 GPs / 15 units
A-11	Agriculture	Seed Testing System (germination, purity, moisture and viability testing)	Seed-testing kit / mini laboratory for germination percentage, physical purity, moisture content and viability of farmer-saved and purchased seed, with digital record of results. *Intended outcome: Farmers sow seed of known quality; reduced re-sowing and crop failure.*	Shared (group)	15 GPs / 15 units

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Lot (Ref ID)	Sector	Technology category sought (function only)	Technical scope expected and intended outcome	Benefit model	GPs demanding / units
A-12	Agriculture	Fertilizer Testing System (nutrient-content and adulteration check)	Portable / laboratory equipment to verify nutrient content and detect adulteration in fertilizers, with digital results compared against the declared grade. *Intended outcome: Protection of farmers from sub-standard fertilizer; quality evidence for complaints.*	Shared (group)	15 GPs / 15 units
A-13	Agriculture	Warehouse Monitoring & Management System (IoT storage-condition sensing, stock records and digital receipts)	Sensor network for temperature, humidity, grain moisture and pest indicators in village / FPO warehouses, with stock-inventory software, digital receipts and threshold alerts. *Intended outcome: Reduced storage loss; transparent stock records enabling pledge finance and better sale timing.*	Shared (group)	4 GPs / 4 units
A-14	Agriculture	Satellite-Imagery Crop-Damage Analysis (remote-sensing assessment for insurance payout validation)	Satellite / remote-sensing analytics platform mapping crop condition and damage extent at village and plot level after weather events, generating evidence reports usable for crop-insurance claim validation. *Intended outcome: Faster, objective validation of crop-insurance payouts; fewer disputes.*	Public good	23 GPs / 1 cluster unit
AH-01	Animal Husbandry	Animal Identification Tags & Digital Livestock Records (RFID / QR / visual tags with mobile record-keeping)	Durable identification tags (RFID / QR / visual) for cattle, buffalo, goats and other livestock, linked to a mobile / web register of ownership, breed, vaccination, breeding and treatment history, compatible with national livestock identification standards. *Intended outcome: Traceable livestock records; timely vaccination and breeding follow-up; evidence for insurance and schemes.*	Public good	23 GPs / 23 units
AH-02	Animal Husbandry	Poultry IoT Monitoring & Climate-Responsive Feed Management (shed-environment sensing with feed / water control linked to outside weather)	Sensors for shed temperature, humidity, ammonia and feed / water consumption, with automated or advised feed, water and ventilation adjustment based on outside climate and bird age, and alerts to the farmer. *Intended outcome: Lower bird mortality and feed waste; improved productivity of backyard and small commercial poultry.*	Shared (group)	23 GPs / 23 units
H-01	Health	Unified Electronic Health Records (EHR) Integration (consent-based digital health-record exchange)	Interoperable digital health-record architecture linking health information and reports with appropriate consent. *Intended outcome: Continuity of care across healthcare tiers.*	Public good	10 GPs / 10 units
H-02	Health	Hub-and-Spoke Telemedicine Kiosks (remote consultation with connected diagnostic devices) for Human and veterinary	Teleconsultation system connecting patients/local health workers with remote medical practitioners and connected diagnostic devices. *Intended outcome: Clinical-grade remote consultation, triage and referral with reduced travel burden.*	Public good	6 GPs / 6 units
H-03	Health	IoT-Enabled Body-Parameter / Body-Composition Monitoring System (connected weighing and composition analysis)	Bioelectrical-impedance body-composition analyser measuring weight, fat, muscle and related indicators. *Intended outcome: Regular monitoring of weight and body-composition indicators.*	Public good	1 GP / 1 unit
H-04	Health	Sanitary Pad Vending & Safe Disposal Units (automated dispensing, collection and appropriate treatment)	Institutional menstrual-hygiene station combining sanitary-pad vending, collection and appropriate treatment/disposal. *Intended outcome: Improved menstrual-hygiene access and safer disposal.*	Vulnerable	1 GP / 1 unit
H-05	Health	IoT-Based Health-Record Keeping over Low-Power Wireless (Zigbee or equivalent sensor network for health-data capture)	Connected diagnostic / monitoring devices (BP, glucose, SpO2, weight, temperature) transmitting readings over a low-power wireless protocol (Zigbee or equivalent) to a local gateway and health-record system, operating with intermittent internet. *Intended outcome: Automatic, error-free capture of vitals at sub-centre / Anganwadi level; continuity of records.*	Public good	10 GPs / 10 units

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Lot (Ref ID)	Sector	Technology category sought (function only)	Technical scope expected and intended outcome	Benefit model	GPs demanding / units
H-06	Health	Live Ambulance Tracking (GPS tracking and dispatch for labour-room-equipped ambulances)	GPS / GSM tracking units on ambulances, including labour-room-equipped ambulances, with a dispatch dashboard, nearest-vehicle allocation, ETA alerts to the PHC and the family, and trip records. *Intended outcome: Faster emergency and maternal transport; accountability of ambulance use.*	Public good	23 GPs / 1 cluster unit
H-07	Health, Nutrition	AI Image-Based Meal Nutrition Monitoring (real-time analysis of meals served at Anganwadis and schools)	Mobile / camera-based image-processing system that identifies food items and estimates portion and nutrient content of meals served under supplementary-nutrition and mid-day-meal programmes, with daily digital reports. *Intended outcome: Real-time verification of meal quality and quantity; improved child-nutrition outcomes.*	Public good	23 GPs / 23 units
H-08	Health	IoT-Enabled Computing Devices for ASHAs (rugged tablets / handhelds with connected diagnostic peripherals)	Rugged, low-cost tablet / handheld devices for ASHA workers with Marathi interface, offline data entry, synchronisation with government health platforms and connectivity to IoT diagnostic peripherals. *Intended outcome: Digital field-data capture by ASHAs; less paperwork and faster reporting.*	Public good	23 GPs / 23 units
H-09	Health, Sanitation	Automated Botanical Misting System for Mosquito Control in Public Spaces (scheduled misting of plant-based repellent)	Automated misting units dispensing non-toxic, plant-based mosquito-repellent formulations at scheduled times in public spaces (markets, schools, Anganwadis, Gram Panchayat premises), with refill and fault monitoring. *Intended outcome: Reduced mosquito nuisance and vector-borne disease risk without chemical insecticides.*	Public good	23 GPs / 23 units
WH-01	Water, Health	Real-Time IoT Water-Quality Sensors (TDS, pH, chlorine and specified parameter tracking)	Online/portable sensing of TDS and selected water-quality parameters with threshold alerts and digital records. *Intended outcome: Continuous monitoring and instant contamination alerts.*	Public good	13 GPs / 13 units
WH-02	Water, Health	Automated Community Water ATM (purification, storage, metered dispensing and digital payment/identification)	Automated purified-water dispensing kiosk integrating treatment, storage, metering and payment/identification. *Intended outcome: Convenient access to purified drinking water.*	Public good	23 GPs / 23 units
WSH-01	Water, Sanitation & Health	IoT-Enabled OHT Water-Level & Distribution Monitoring and Automated Flow Management System (level sensing, telemetry, pump/valve control and alerts)	Wireless/contactless overhead-tank level sensing with telemetry, supply-status alerts and optional pump/valve control. *Intended outcome: Reduced water loss and improved visibility and control of water supply.*	Public good	3 GPs / 3 units
WSH-02	Water, Sanitation & Health	Hydraulic Isolation Shaft for Equitable Pressure-Regulated Water Distribution (concentric-pipe isolation shaft open to atmosphere)	Hydraulic isolation shaft installed between the storage tank / main supply and the distribution network: vertical concentric pipes or an annular-space arrangement that acts as a hydraulic separator, with water entering an inner inlet pipe and flowing into an outer shaft structure with multiple outlets. Being open to the atmosphere, the shaft naturally regulates pressure and releases entrapped air, so that households close to the storage tank do not receive high-pressure water while distant households receive little or none. *Intended outcome: Equitable water distribution across the village, including tail-end households; regulated pressure and reduced air-lock in the network.*	Public good	23 GPs / 23 units
WA-01	Water, Agriculture	GIS Groundwater Monitoring System (digital water-level recorders, telemetry and spatial water-table mapping)	Digital water-level recorders/piezometers with telemetry, GIS mapping and centralized groundwater data. *Intended outcome: Data-driven groundwater management and water-harvesting planning.*	Public good	11 GPs / 11 units
WA-02	Water, Agriculture	Scientific Groundwater Prospecting for Bore-Well Siting (geophysical survey and advisory service)	Geophysical (resistivity / electromagnetic) survey equipment and / or service with GIS-based interpretation to advise farmers and Gram Panchayats on suitable bore-well location, depth and expected yield, consistent with GSDA practice. *Intended outcome: Fewer failed bore wells; savings in drilling cost; better groundwater planning.*	Shared (group)	11 GPs / 11 units

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Lot (Ref ID)	Sector	Technology category sought (function only)	Technical scope expected and intended outcome	Benefit model	GPs demanding / units
WA-03	Water, Agriculture	Real-Time Digital Water Level Recorders (DWLR) for Groundwater Observation Wells (sensor-based automatic level logging, telemetry to the GSDA data centre and real-time dashboard)	Digital Water Level Recorder (pressure-transducer sensor, data logger, battery/solar power and telemetry) installed in every Groundwater Surveys and Development Agency (GSDA) observation (OB) well in the Gram Panchayat, recording water level at set intervals and transmitting it automatically to the GSDA data centre, with a real-time dashboard for GSDA and District Collectors. Optional analytics for depletion alerts, trend analysis and Groundwater Drought Index (GWDI) support. *Intended outcome: Real-time visibility of groundwater depletion for GSDA and District Collectors; earlier detection of falling water levels and drought severity; village-level data in place of monthly manual readings.*	Public good	23 GPs / 23 units
WASH-05	Water, Agriculture, Sanitation & Health	Decentralized Wastewater Treatment with Sensor Monitoring (DEWATS / packaged treatment, process sensors and reuse)	Decentralized wastewater treatment using suitable biological/physical processes with process monitoring and reuse/disposal controls. *Intended outcome: Reduced pollution load and safer reuse or disposal of treated wastewater.*	Public good	23 GPs / 23 units
G-01	Governance/ Safety	IP Camera Surveillance System (network cameras, recording, monitoring and authorised access)	IP-based video surveillance network comprising cameras, network recorder/storage, monitoring software and optional analytics. *Intended outcome: Improved visibility, deterrence and availability of incident evidence.*	Public good	5 GPs / 5 units
G-02	Governance/ Safety	JanSetu / Vernacular WhatsApp Citizen-Communication Platform (bot, scheme information and village communication)	WhatsApp/chatbot-based citizen communication system providing local-language scheme information and service links. *Intended outcome: Faster dissemination of schemes and easier citizen access to routine information.*	Public good	23 GPs / 23 units
G-03	Governance/ Safety	Village Public Announcement System (public-address network with controlled local operation and emergency messaging)	Public-address network with amplifier, microphones, speakers/horns, zone control and emergency-message capability. *Intended outcome: Faster dissemination of public, emergency and community messages.*	Public good	1 GP / 1 unit
G-04	Governance/ Safety	Mobile-Based Document Digitisation, Voice-to-Text and Data Entry (fast record generation for Gram Panchayat offices)	Mobile / desktop application for scanning and OCR of registers and documents, Marathi voice-to-text dictation and structured data entry, producing searchable digital records exportable in open formats. *Intended outcome: Faster record generation and retrieval; reduced manual data-entry burden.*	Public good	23 GPs / 23 units
G-05	Governance/ Safety	Community Social-Networking Platform with Internet-Independent Communication (local mesh / offline-first village network)	Village-level community communication platform operating over local mesh / Wi-Fi or similar licence-free networks, allowing messaging, notices and group communication without dependence on the internet, with later synchronisation when connectivity is available. *Intended outcome: Reliable local communication during connectivity outages and emergencies; stronger community coordination.*	Public good	23 GPs / 23 units
L-01	Livelihood	Solar-Powered Refrigerators & Cold-Storage Units (off-grid/hybrid refrigeration with monitoring and supply-chain integration)	Solar-powered or hybrid cold room using refrigeration or other off-grid cooling technologies with temperature/humidity monitoring. *Intended outcome: Reduced spoilage and improved flexibility in market timing and supply-chain linkage.*	Shared (group)	4 GPs / 4 units
L-02	Livelihood	Dryer for Value Addition in SHG Products (solar / hybrid dryer with SHG linkage)	Solar or hybrid dryer unit for drying fruits, vegetables, spices, herbs and other produce to food-grade standards, with temperature control, operated by SHGs with training and market linkage. *Intended outcome: Value addition and longer shelf life of SHG products; higher incomes.*	Shared (group)	4 GPs / 4 units
E-01	Education	Smart Learning Interactive Environment (offline, battery-powered AR/VR learning content)	Offline, battery-powered smart learning interactive environment using AR/VR learning content, with local content storage and operation independent of internet and continuous grid power, for schools and eligible learning centres. *Intended outcome: Interactive experiential learning, wider access to digital educational content, and continuity of learning without dependence on internet or continuous grid electricity.*	Shared (group)	23 GPs / 23 units

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Lot (Ref ID)	Sector	Technology category sought (function only)	Technical scope expected and intended outcome	Benefit model	GPs demanding / units
E-02	Education	Competitive-Exam Resource Application (offline-capable study resources for rural students)	Mobile / web application providing study material, mock tests, previous papers and progress tracking for competitive examinations (MPSC, UPSC, banking, railways, police and similar) in Marathi and English, usable offline. *Intended outcome: Rural students gain local access to quality exam-preparation resources.*	Public good	**23 GPs / 23 units**
E-03	Education	AI-Based Voice Career Counsellor (Marathi voice-interactive career guidance)	AI voice assistant in Marathi, accessible by phone / app, giving career information, course and scholarship guidance and aptitude-based suggestions to students and youth, with escalation to human counsellors. *Intended outcome: Career guidance for students and youth who lack access to counsellors.*	Public good	**23 GPs / 1 cluster unit**

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5. Eligibility Criteria

A respondent must meet the following criteria on the date of submission, and must continue to meet them until the subsequent tender process and the award of any contract. Compliance is declared in Annexure D. Eligibility is evaluated on a pass/fail basis.

Who may respond

- A legally registered entity in India: company, LLP, partnership firm, proprietorship, registered society, start-up or institution.
- Valid registrations: PAN, GST (where applicable), EPF, ESI, labour or an equivalent registration applicable to the services offered, and any licence needed for the technology.

Declarations required

- Not insolvent, in receivership, bankrupt or being wound up; affairs not administered by a court or a judicial officer; business activities not suspended; and not the subject of legal proceedings for any of these reasons.
- Not declared ineligible, blacklisted, banned or debarred by the issuing authority or its Ministry/Department, or by appropriate agencies of the Government of India, from participation in procurement. This applies to the respondent and to its affiliates, subsidiaries and contractors for any part of the work.
- Not convicted, within the three years before the last date of submission, for offences involving moral turpitude in business dealings under the Prevention of Corruption Act, 1988 or any other law, or for causing loss of life, limb or property or endangering public health during a public procurement contract; and not declared a national-security risk by the appropriate agencies.
- Has not changed its name or created a new allied entity after any such declaration of ineligibility or debarment.
- No association, as partner, director, employee or consultant, with a retired gazetted officer of the Central or State Government or its public-sector undertakings who has not completed the one-year cooling-off period (unless a waiver has been obtained from the former employer), or with near relations of executives of the issuing authority who are involved in this process.

Experience and capability

- Has designed, supplied or deployed or sites in the last 3 years, with verifiable references.
- Able to provide installation, training and after-sales service within Amravati district, directly or through a local partner.
- For drone sprayers (A-06): holds the approvals and certified pilots required under applicable Indian drone regulations.
- For wildlife-intrusion systems (A-09): the deterrence must be non-harmful to animals and comply with applicable wildlife-protection law.
- For health, telemedicine and ASHA-device solutions (H-01 to H-09): complies with applicable health-data, medical-device and biomedical-waste requirements, and with the Ayushman Bharat Digital Mission standards where health records are created or exchanged.
- For water solutions (WH-01, WH-02, WSH-01, WSH-02, WA-02, WA-03, WASH-05): complies with applicable drinking-water quality and pollution-control norms; groundwater-prospecting methods (WA-02) and DWLR installations and data (WA-03) must be consistent with GSDA / CGWB practice, and DWLR data must integrate with the GSDA data centre.
- For animal identification tags (AH-01): tags and records must be compatible with the national livestock identification and database standards followed by the Animal Husbandry Department.
- For ambulance tracking (H-06): tracking devices must conform to the AIS-140 standard or its equivalent notified for vehicle location tracking.
- For satellite-imagery crop-damage analysis (A-14): complies with the applicable geospatial data guidelines, and the outputs must be in a form acceptable for crop-insurance claim verification.
- For botanical misting systems (H-09): only non-toxic, plant-based formulations approved for use in public spaces may be used, with safety data sheets provided.
- For internet-independent community networks (G-05): operates only in licence-free spectrum or otherwise complies with applicable telecom and wireless regulations.

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Start-ups

The issuing authority may relax the condition of prior turnover and prior experience for start-ups recognised by the Department for Promotion of Industry and Internal Trade (DPIIT), on production of a valid Certificate of Recognition and only for the domain they are registered for. The relaxation is subject to the quality and technical specifications being met; these are not diluted. The decision of the issuing authority is final.

Joint ventures, consortia and sub-contracting

- A joint venture or consortium (JV/C) is not eligible for participation in this EOI. Sub- contracting is strictly prohibited.

Conflict of interest

- A respondent with a conflict of interest that substantially affects fair competition is not eligible, and its EOI is rejected as non-responsive. A conflict exists if the respondent:
- directly or indirectly controls, is controlled by or is under common control with another respondent; or receives or has received any direct or indirect subsidy or financial stake from another respondent; or
- has the same correspondence address or legal representative as another respondent, or a relationship with another respondent that gives it access to, or influence over, that respondent's EOI; or
- has a close business or family relationship with an official of the issuing authority who is involved in preparing this EOI, evaluating it, or implementing or supervising the resulting contract.
- Only one entity from among a respondent and its affiliates may participate in this EOI, whether individually, in a JV/C or as a sub-contractor.
- No respondent may attempt to induce another respondent to submit or not to submit an EOI.
- Each respondent must give information on any commissions and gratuities paid or to be paid to agents or any other party in relation to this EOI and the tender that follows.

6. Expected Content of the Response

Each respondent should submit the following documents, in the formats given in the annexures:

- Annexure A: EOI covering letter with declarations, signed by an authorised signatory.
- Annexure B: company profile, with registration certificates and the document authorising the signatory (board resolution, power of attorney or equivalent).
- Annexure C: lot-wise response sheet, marking interest in each lot with the product or solution name, the indicative 3-year cost per unit (capital expenditure, operation and maintenance, and insurance) and the number of deployments.
- A short technical write-up for each lot chosen (maximum 3 pages per lot), covering the solution, how it works, local-language support, offline or low-connectivity behaviour, data handling, and maintenance and support model.
- Work orders, completion certificates or client letters as proof of experience.
- Annexure D: eligibility declarations and undertaking, with supporting documents where applicable (for example the DPIIT start-up certificate or the JV/C agreement or letter of intent).
- Annexure F: performance capability statement listing relevant past assignments, with work orders or completion certificates. Certificates from a private individual are not accepted.
- Annexure G: financial capability statement, with audited financial statements for the last three years and a Chartered Accountant certificate of turnover.
- Annexure H: checklist of documents submitted.
- Annexure I sets out the STREAM Matrix (red-flag checklist, weights, scoring scales and score calculation) against which the response is evaluated.
- STREAM documents: the four mandatory eligibility documents and the ten scoring documents listed in Section 7.

Technical points to address

- Suitability for village conditions: power, connectivity, dust, heat, and use by people with limited digital experience.

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- Marathi-language interface, alerts or advisory where users are farmers, women, Anganwadi or Gram Panchayat staff.
- Data ownership, privacy and security. Village and citizen data remains the property of the project and the Gram Panchayat, and personal, health and financial data must be protected. Health-record solutions must be consent-based.
- Interoperability with existing government platforms and the ability to export data in open formats.
- Training of local users, warranty, annual maintenance, uptime commitment and response time to faults.
- Sustainability: who operates and maintains the system after installation, how running costs are covered, and fit with the lot's benefit model (shared group use, public good, or vulnerable-group access).

7. Evaluation: STREAM Matrix

Responses will be evaluated by the Chief Executive Officer, Zilla Parishad, with the help of the Technical Anchor Institute, using the Smart Technology for Rural Ecosystem Assessment Matrix (STREAM) prescribed by the Government of Maharashtra, Rural Development Department (Government Resolution dated 30 April 2026, Annexure 2). Each lot is evaluated separately. The technical data submitted is assessed mainly for data security, professional credibility and system-integration capability, and for whether the technology can work effectively in rural areas.

Conduct of evaluation

- Evaluation is based only on the criteria in this EOI. Information on the evaluation and the shortlisting is not disclosed to any respondent or other person until the shortlist is notified.
- Only the respondent's own qualifications are considered, not those of its subsidiaries, parent entities, affiliates or other firms.
- The issuing authority may ask a respondent to clarify its EOI by a stated date (seven days if none is stated). No change in the substance of the EOI is sought, offered or permitted, and clarifications that were not requested are not considered.
- Shortfall documents may be asked for only once after the EOI is opened, and only if they already existed at the time of opening, have not changed since, and give no undue advantage. If a respondent does not give satisfactory clarification or the missing documents, its EOI is evaluated on the information available.
- From submission until the shortlist is declared, no respondent may contact the issuing authority about its EOI except in writing or electronically. Any attempt to influence the process is a breach of the Code of Integrity, and the EOI may be rejected.
- The issuing authority may call for the originals of all self-certified copies at a later stage. Failure to produce them, or a substantive discrepancy, is a breach of the Code of Integrity, and the response may be rejected.

Declaration of shortlisted providers

- Respondents that succeed in the evaluation are shortlisted. Provisionally shortlisted respondents are told the conditions they must meet at the next stage.
- The names and addresses of shortlisted providers are published on the portal and the issuing authority's website.
- Shortlisting is an administrative process. It gives no legal or contractual right, and it is conditional on final verification of documents at the next stage.

Next steps after STREAM evaluation

- The list of qualified providers is submitted to the District-level Committee for approval, and the approved providers are invited to the taluka-level Smart Village Solutions Exhibitions, where they demonstrate their technology to Gram Panchayat representatives and citizens.
- Only providers that qualify in STREAM and demonstrate their technology successfully to the Gram Panchayats at the exhibition are eligible for the financial bidding.

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- Gram Panchayats then select technologies, the Technical Anchor Institute conducts a feasibility study and prepares the DPR, and procurement follows a competitive tender (GeM portal or e-tender) on a capital cost + 3-year operation and maintenance + insurance basis.

8. Submissions and Pre EOI Clarifications -

Any clarifications/ queries concerning the EOI are to be mailed at mhdyceo@gmail.com

Further EOI Submissions are to be made via MahaTender Portal.

Hard copy of the submission may be requested by the concerned authority wherever necessary.

9. Schedule

#	Activity	Date
1	Issue of EOI	06/11/2026
2	Last date for clarifications through email	12/11/2026
3	Response to clarifications	13/11/2026 – 14/11/2026
4	Last date and time for submission of EOI	21/11/2026
5	Opening of EOIs	23/11/2026
6	Announcement of shortlisted providers for Taluka Level Exhibition	25/11/2026

10. Grievance Redressal

- A respondent that took part in this EOI and was not shortlisted may submit a complaint, or seek a de-briefing, in writing or electronically within ten days of the declaration of results, addressed to the Deputy CEO via email – mhdyceo@gmail.com
- The issuing authority acknowledges the complaint in writing within five working days, and conveys its final decision within 15 days of receiving it.
- Complaints about the shortlisting or exclusion of other respondents are not entertained. No third-party information is sought or included in the response, and no response is given on the confidential evaluation before the results are notified.
- The following decisions are not subject to review: the need for the procurement; the choice of procedure; provisions that limit participation or give purchase preference under Government policy; the eligibility and qualification criteria, except where they are vague or so specific that they limit competition; and cancellation of this EOI, except where the same requirement is to be re-tendered.
- This procedure applies to the shortlisting under this EOI. Appeals against the DPR are governed by the Government Resolution (appeal to the Collector within seven days of the DPR being submitted).

11. Terms and Conditions

1. All costs of preparing and submitting a response, including demonstrations, are borne by the respondent.
2. The issuing authority may abandon, bypass, cancel, extend, amend or reissue this EOI, in whole or in part, and may issue another EOI for the same or a similar requirement before or after shortlisting. It has no liability to any respondent and no obligation to give the grounds.
3. The issuing authority may accept or reject any response, and may shortlist for some lots only or for none.
4. Prices and cost figures given in responses are indicative and non-binding, and are not a commitment to supply at that price.

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5. Information provided by respondents will be treated as confidential and used only for this exercise, subject to applicable law including the Right to Information Act.
6. Respondents must not canvass or seek to influence any member of the evaluation committee. Attempts to do so may lead to disqualification.
7. False or misleading information in a response may lead to rejection at any stage, and to removal from the panel.
8. Intellectual property in a respondent's solution stays with the respondent. Data collected in villages through the solution belongs to the project and the concerned Gram Panchayat.
9. All escalations raised by a Gram Panchayat, user or the project office are to be resolved by the provider within 48 hours.
10. The freight cost of hardware (transport to the installation site) is to be borne by the provider.
11. User manuals, in hard copy and soft copy in Marathi, are to be provided to the villages.
12. This EOI process is governed by the laws of India, and is subject to the exclusive jurisdiction of the courts at Amravati.
13. The Code of Integrity in public procurement (Rules 175 and 151 of the General Financial Rules, 2017, or the corresponding State rules) and its penalties apply to this EOI and to any resulting contract. Respondents must observe the highest standard of integrity and must not engage in prohibited practices, directly or indirectly. Wrong or misleading information, tampering with the EOI formats or uploaded documents, and attempts to influence the process are breaches.

Annexure A: EOI Covering Letter and Declarations

(To be printed on the letterhead of the respondent)

To,
[Name and designation of the issuing authority]
[Address]

Subject: Expression of Interest for the Sant Gadge Baba Unnat Gram Yojana – Smart & Intelligent Village Project, Amravati (Ref. [EOI reference no.] dated [date])

Sir / Madam,

Having examined the above EOI, we, [name of the respondent], submit our Expression of Interest for the lots marked in Annexure C, and certify and undertake as follows.

1. About us: we are a respondent with the experience, past performance, personnel and financial capability to perform the work for the lots we have marked, with offices at [address].
2. We comply with all the eligibility criteria in this EOI, and our declarations are in Annexure D.
3. We meet the qualification criteria in this EOI, and the details are in Annexures F and G.
4. We will provide the originals of all self-certified copies of uploaded documents when asked. We understand that failure to do so, or a substantive discrepancy, is a breach of the Code of Integrity.
5. We have / do not have a conflict of interest with any other respondent (strike out what does not apply).
6. No commissions or gratuities have been, or are to be, paid to agents or any other party in relation to this EOI and the tender that follows / The following have been or are to be paid: _____ (strike out what does not apply).
7. We have understood the complete terms of this EOI and accept them without reservation, including that this EOI is non-binding on the issuing authority and that shortlisting gives no right to any order.
8. We agree to keep our EOI valid for 60 days from the last date of submission, or for any extended period we agree to.
9. We have not changed or edited the contents of the downloaded EOI formats, and we understand that any such change, noticed at any stage, is liable to punitive action. The scanned documents we upload are valid, true and correct, and we are responsible for their truthfulness.
10. We are duly authorised to submit this EOI and make commitments on behalf of the respondent (supporting documents are in Annexure B), and our digital signature is valid and legally binding.
11. We understand that the issuing authority is not bound to accept any EOI it receives.

Yours faithfully,

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Name of authorised signatory	
Designation	
Name of organisation	
Signature and seal	
Date and place	
Mobile / email	

Annexure B: Company Profile

Name of the organisation	
Type of entity (company / LLP / firm / start-up / society / other)	
Corporate Identity No. (CIN), if any	
Date of incorporation / start of business	
Number of years in business	
Registered office address	
Office in Maharashtra / Amravati district (address)	
PAN / GSTIN	
EPF / ESI / labour registration nos.	
Udyam registration (if any)	
DPIIT start-up recognition no. (if claimed)	
Website	
Authorised signatory: name, designation, mobile, email	
Document authorising the signatory (board resolution / power of attorney / other)	
Number of technical staff	
Key clients and projects in the last 3 years (attach list)	
Certifications and licences relevant to the lots offered	

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Annexure C: Lot-wise Response Sheet

Mark "Yes" against each lot of interest. Attach a technical write-up for every lot marked "Yes". The cost per unit is the indicative 3-year cost covering capital expenditure, operation and maintenance, and insurance. All costs are indicative and non-binding. "No. of rural GPs deployed" is the number of rural Gram Panchayats where the technology is deployed (attach the list of villages and work orders); it is used for STREAM parameter 10.

Lot	Technology category sought	Interested (Yes / No)	Product / solution name	Indicative 3-yr cost per unit (₹)	No. of rural GPs deployed
A-02	Weather Stations & Crop Alert System				
A-03	AI-Assisted Crop, Pest & Disease Identification				
A-04	Digital Market-Price & Farmer Advisory Platform				
A-05	Digital / IoT Rainfall Measurement Platform				
A-06	Precision Agricultural Drone Sprayers				
A-07	IoT-Enabled Fruit Ripening Chambers				
A-08	Farm Laboratory / Microbial Bio-input Development Facility				
A-09	Wildlife intrusion detection with alert, and non-harmful deterrence				
A-10	Soil Testing System				
A-11	Seed Testing System				
A-12	Fertilizer Testing System				
A-13	Warehouse Monitoring & Management System				
A-14	Satellite-Imagery Crop-Damage Analysis for Insurance Validation				
AH-01	Animal Identification Tags & Digital Livestock Records				
AH-02	Poultry IoT Monitoring & Climate-Responsive Feed Management				
H-01	Unified Electronic Health Records				
H-02	Hub-and-Spoke Telemedicine Kiosks				
H-03	IoT-Enabled Body-Parameter / Body-Composition Monitoring System				
H-04	Sanitary Pad Vending & Safe Disposal Units				
H-05	IoT-Based Health-Record Keeping (Zigbee or equivalent)				
H-06	Live Ambulance Tracking (labour-room-equipped ambulances)				
H-07	AI Image-Based Meal Nutrition Monitoring				
H-08	IoT-Enabled Computing Devices for ASHAs				
H-09	Automated Botanical Misting System for Mosquito Control				
WH-01	Real-Time IoT Water-Quality Sensors				
WH-02	Automated Community Water ATM				

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Lot	Technology category sought	Interested (Yes / No)	Product / solution name	Indicative 3-yr cost per unit (₹)	No. of rural GPs deployed
WSH-01	IoT-Enabled OHT Water-Level & Distribution Monitoring and Automated Flow Management System				
WSH-02	Hydraulic Isolation Shaft for Equitable Pressure-Regulated Water Distribution				
WA-01	GIS Groundwater Monitoring System				
WA-02	Scientific Groundwater Prospecting for Bore-Well Siting				
WA-03	Real-Time Digital Water Level Recorders (DWLR) for Groundwater Observation Wells				
WASH-05	Decentralized Wastewater Treatment with Sensor Monitoring				
G-01	IP Camera Surveillance System				
G-02	JanSetu / Vernacular WhatsApp Citizen-Communication Platform				
G-03	Village Public Announcement System				
G-04	Mobile-Based Document Digitisation, Voice-to-Text and Data Entry				
G-05	Community Social-Networking Platform (Internet-Independent)				
L-01	Solar-Powered Refrigerators & Cold-Storage Units				
L-02	Dryer for Value Addition in SHG Products				
E-01	Smart Learning Interactive Environment				
E-02	Competitive-Exam Resource Application				
E-03	AI-Based Voice Career Counsellor				

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Annexure D: Eligibility Declarations and Undertaking

We, [name of the respondent], declare and undertake that, and will give evidence of our continued eligibility when asked:

1. Legal entity: we are a [type of entity] with valid PAN, GST (where applicable), EPF, ESI, labour or equivalent registration (copies enclosed).
2. We, including our affiliates and subsidiaries, are not insolvent, in receivership, bankrupt or being wound up; our affairs are not administered by a court; our business activities are not suspended; and we are not the subject of legal proceedings for any of these reasons.
3. We, including our affiliates, subsidiaries and contractors for any part of the work, are not declared ineligible, blacklisted, banned or debarred by the issuing authority or its Ministry/Department, or by appropriate agencies of the Government of India.
4. We have not been convicted within the last three years for offences involving moral turpitude in business dealings under the Prevention of Corruption Act, 1988 or any other law, or for causing loss of life, limb or property or endangering public health during a public procurement contract, and we are not declared a national-security risk.
5. We have not changed our name or created a new allied entity after any such declaration.
6. We have no association, as partner, director, employee or consultant, with a retired gazetted officer of the Central or State Government or its public-sector undertakings who has not completed the one-year cooling-off period (unless waived), or with near relations of executives of the issuing authority involved in this process.
7. We have no conflict of interest that substantially affects fair competition. No other entity from among us and our affiliates participates in this EOI, and we have not tried, and will not try, to induce any other respondent to submit or not to submit an EOI.
8. Start-up status: we are / are not a DPIIT-recognised start-up (certificate enclosed if relief is claimed).
9. We will keep confidential any information shared with us by the issuing authority in connection with this EOI.
10. All particulars and documents we submit are true and correct and nothing is concealed. We understand that wrong or misleading declarations violate the Code of Integrity and attract penalties, and we will tell the issuing authority of any future change.

Signature and seal: _____ Name and designation: _____

Date: _____

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Annexure E: Village-wise Technology Demand

The table shows the lots (Ref IDs) demanded by each Gram Panchayat, as recorded in the consolidated DNA technology register, together with the lots added from district-level priorities and allocated to the GP by district decision. Demand is indicative and subject to DPR validation.

#	Village (Gram Panchayat)	Taluka	Lots demanded
01	Aasegaon Purna	Chandur Bazar	A-02, A-03, A-04, A-05, A-08, A-09, A-10, A-11, A-12, A-14, AH-01, AH-02, H-06, H-07, H-08, H-09, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, G-01, G-02, G-04, G-05, E-01, E-02, E-03
02	Belora	Chandur Bazar	A-02, A-05, A-14, AH-01, AH-02, H-01, H-05, H-06, H-07, H-08, H-09, WH-02, WSH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
03	Beskheda	Chandur Bazar	A-03, A-08, A-10, A-11, A-12, A-14, AH-01, AH-02, H-01, H-05, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
04	Borala	Chandur Bazar	A-03, A-08, A-10, A-11, A-12, A-14, AH-01, AH-02, H-01, H-05, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
05	Chincholi Kale	Chandur Bazar	A-02, A-03, A-05, A-08, A-10, A-11, A-12, A-14, AH-01, AH-02, H-06, H-07, H-08, H-09, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
06	Dhanora	Chandur Bazar	A-02, A-03, A-05, A-14, AH-01, AH-02, H-06, H-07, H-08, H-09, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
07	Fubgaon	Chandur Bazar	A-02, A-03, A-05, A-14, AH-01, AH-02, H-06, H-07, H-08, H-09, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
08	Haidatpur	Chandur Bazar	A-02, A-03, A-04, A-05, A-08, A-10, A-11, A-12, A-14, AH-01, AH-02, H-06, H-07, H-08, H-09, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
09	Jainpur	Chandur Bazar	A-03, A-04, A-09, A-14, AH-01, AH-02, H-01, H-02, H-05, H-06, H-07, H-08, H-09, WSH-01, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
10	Jawala Shahapur	Chandur Bazar	A-06, A-08, A-10, A-11, A-12, A-14, AH-01, AH-02, H-02, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-01, G-02, G-04, G-05, E-01, E-02, E-03
11	Kaharwadi	Chandur Bazar	A-06, A-08, A-10, A-11, A-12, A-14, AH-01, AH-02, H-02, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-01, G-02, G-04, G-05, E-01, E-02, E-03
12	Kharala	Chandur Bazar	A-02, A-03, A-04, A-05, A-09, A-14, AH-01, AH-02, H-01, H-02, H-05, H-06, H-07, H-08, H-09, WSH-01, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
13	Krishnapur	Chandur Bazar	A-03, A-04, A-07, A-08, A-09, A-10, A-11, A-12, A-13, A-14, AH-01, AH-02, H-01, H-05, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-02, G-04, G-05, L-01, L-02, E-01, E-02, E-03

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#	Village (Gram Panchayat)	Taluka	Lots demanded
14	Rajura	Chandur Bazar	A-02, A-03, A-05, A-08, A-10, A-11, A-12, A-14, AH-01, AH-02, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
15	Rasullapur	Chandur Bazar	A-03, A-04, A-07, A-08, A-09, A-10, A-11, A-12, A-13, A-14, AH-01, AH-02, H-01, H-05, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-02, G-04, G-05, L-01, L-02, E-01, E-02, E-03
16	Sarfabad	Chandur Bazar	A-02, A-03, A-05, A-14, AH-01, AH-02, H-06, H-07, H-08, H-09, WH-01, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
17	Shirajgaon Band	Chandur Bazar	A-02, A-03, A-05, A-07, A-08, A-09, A-10, A-11, A-12, A-13, A-14, AH-01, AH-02, H-01, H-05, H-06, H-07, H-08, H-09, WSH-01, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, H-04, G-02, G-03, G-04, G-05, L-01, L-02, E-01, E-02, E-03
18	Shirala	Amravati	A-03, A-04, A-09, A-14, AH-01, AH-02, H-01, H-03, H-05, H-06, H-07, H-08, H-09, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
19	Takarkheda Purna	Chandur Bazar	A-02, A-03, A-04, A-05, A-08, A-09, A-10, A-11, A-12, A-14, AH-01, AH-02, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
20	Talni Purna	Chandur Bazar	A-02, A-03, A-04, A-05, A-09, A-14, AH-01, AH-02, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-02, G-04, G-05, E-01, E-02, E-03
21	Talvel	Chandur Bazar	A-06, A-08, A-10, A-11, A-12, A-14, AH-01, AH-02, H-02, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-01, G-02, G-04, G-05, E-01, E-02, E-03
22	Vadura	Chandur Bazar	A-06, A-08, A-10, A-11, A-12, A-14, AH-01, AH-02, H-02, H-06, H-07, H-08, H-09, WH-01, WH-02, WSH-02, WA-03, WASH-05, G-01, G-02, G-04, G-05, E-01, E-02, E-03
23	Virul-Purna	Chandur Bazar	A-03, A-04, A-07, A-08, A-09, A-10, A-11, A-12, A-13, A-14, AH-01, AH-02, H-01, H-05, H-06, H-07, H-08, H-09, WH-01, WSH-02, WA-01, WA-02, WH-02, WA-03, WASH-05, G-02, G-04, G-05, L-01, L-02, E-01, E-02, E-03

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Annexure F: Performance Capability Statement

List the assignments in which the respondent was legally contracted as a company, whether as supplier, associate. List only the most important and relevant ones, largest value and most relevant first. Assignments completed by individual experts working privately or through other firms cannot be claimed. Sub-contractor experience can be claimed only if the sub-contractor is named in the EOI. Be ready to substantiate with work orders and completion certificates.

#	Client (and source of funding)	Project title and reference no.	Value (₹ lakh)	Period	Role and technology / lot	GPs deployed	Similar?
1							
2							
3							
4							
5							
6							
7							
8							

Attach: performance records, contracts, work orders or completion certificates.

Annexure G: Financial Capability Statement

Each respondent fills this form. Financial statements must be complete with all notes, audited by a Chartered Accountant, for completed accounting periods only, and must reflect the respondent itself, not a sister or parent company.

Table G-1: Financial data for the previous three years (₹ lakh)

Item	Year 1	Year 2	Year 3
Total assets			
Total liabilities			
Net worth			
Current assets			
Current liabilities			
Working capital			
Total revenues			
Profit before taxes			
Profit after taxes			

Table G-2: Average annual turnover (₹ lakh), certified by a Chartered Accountant

Financial year	Total turnover
2023-24	
2024-25	
2025-26	
Average annual turnover	

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Annexure H: Checklist for Respondents

This checklist helps respondents prepare their EOI. It does not override or change the requirements of this EOI.

#	Document submitted, filled and signed	Yes / No / NA
1	Annexure A: EOI covering letter with declarations	
2	Annexure B: company profile, registration certificates, and authority of the signatory	
3	Annexure C: lot-wise response sheet, with a technical write-up for each lot marked Yes	
4	Annexure D: eligibility declarations, with supporting documents (such as the DPIIT start-up certificate, as applicable)	
5	Annexures F and G, with supporting documents (work orders, audited financial statements, CA certificate)	
6	STREAM Stage 2 red-flag documents (4 documents)	
7	STREAM Stage 3 scoring documents (10 parameters)	
8	This checklist (Annexure H)	
9	Any other document required by this EOI	

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Annexure I: STREAM Matrix (Smart Technology for Rural Ecosystem Assessment Matrix)

Link for GR dated 30 April 2026: https://gr.maharashtra.gov.in/Site/Upload/Government%20Resolutions/English/20260430113514342O.....pdf

Annexure 2 (as per the GR dated 30 April 2026): Smart Technology for Rural Ecosystem Assessment Matrix (STREAM)

The evaluation process is divided into two stages: Application with Mandatory Eligibility Check (Red Flag Check) and Technical Scoring.

Application

To ensure a standardized and evidence-based evaluation, vendors must submit the following specific documents along with their applications.

I. Documents for Mandatory Eligibility Check

Vendors must submit these documents to qualify for evaluation. Failure to provide any one of these results in immediate disqualification.

1. **Data Ownership Declaration:** A formal document confirming that the Government retains full and exclusive ownership of all data generated.
2. **Minimum Support Agreement:** A contract or official letter guaranteeing a minimum of 3-year support from the vendor.
3. **Local Repair Support Proof:** Document confirming that repair support and technicians are available within the district.
4. **Privacy Compliance Document:** A formal declaration certifying that the tool does not violate any prevailing privacy regulations.

II. Documents for Technical Scoring

These documents are required to assign a score from 1 to 5 against the below mentioned 10 parameter. If the specific document listed below is missing, blank, unreadable, or irrelevant, a Score of '0' (Zero) shall be assigned for that parameter.

1. **Relevance to Village Needs:** Submit the Vendor Brochure, Demo Presentation (Video), and the detailed Proposal Document.
2. **Expected Impact & Inclusiveness:** Submit the 'Beneficiary Model' document, User Case Studies, and the Operational Plan (specifically detailing asset ownership structure).
3. **Cost (3-Year TCO):** Submit the Vendor Quotation. This must explicitly show the Total Cost of Ownership for 3 years, broken down into Capital Cost plus 3 Years of Maintenance and Insurance.
4. **Reliability (Uptime):** Submit the Vendor Uptime Certificate and Previous Performance Reports.
5. **Ease of Installation:** Submit the Installation Plan, explicitly detailing the number of days required for full installation.
6. **Ease of Use for Staff:** Submit the Training Plan (detailing eligibility and hours needed for staff training) and the User Manual.
7. **Maintenance & Support:** Submit the AMC (Annual Maintenance Contract) plan and a Vendor Support Letter detailing the guaranteed repair turnaround time.
8. **Integration & Compatibility:** Submit API Documentation and a Sample Data Export file to demonstrate open data format compliance.
9. **Data Security & Privacy:** Submit the Security Checklist, which must confirm compliance with all 5 security checks.
10. **Proven Success in Rural India:** Submit a List of Villages where the tool is deployed along with the work order for the work.

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Scoring

The tech solutions will be evaluated using the following matrix.

Section A – Red Flag Eligibility Checklist (Must Pass All)

#	Red-Flag	Yes / No
1	Government retains full ownership of data	Yes / No
2	Vendor provides minimum 3 year support	Yes / No
3	Local repair support available within district	Yes / No
4	Tool does NOT violate privacy regulations	Yes / No

If any of these is "NO", the tool is disqualified immediately. No scoring required.

Section B – Weight Assigned to Each Parameters

The technology will be evaluated on 10 parameters having weights based on importance.

Category	Parameters
Critical (Weight 1.5) → 4 parameters	1. Relevance to Village Needs 2. Expected Impact and inclusiveness 3. Cost (3-yr TCO) 4. Reliability (Uptime %)
Medium (Weight 1.0) → 4 parameters	5. Ease of Installation 6. Ease of Use for Staff 7. Maintenance & Support 8. Integration & Compatibility
Basic (Weight 0.5) → 2 parameters	9. Data Privacy & Security 10. Proven Success in Rural India

Each parameter is evaluated on the scale of 0 to 5.

A Raw Score of '0' (Zero) must be assigned for any parameter where the specific required document is missing or is provided but found to be blank, unreadable, or irrelevant (e.g., a photo attached instead of a mandatory certificate).

When any of the parameters is not applicable, the same should be marked NA in the Raw Score Column. The weight assigned to that parameter will get equally distributed among the other parameters. This redistributed weight, also referred as adjusted weight is then multiplied with the obtained score to get the final score.

Section C – Parameter Scoring

1. Relevance to Village Needs

Evaluates the alignment of the proposed technology with the core developmental sectors to ensure the solution addresses a genuine rural necessity rather than a peripheral want. Core sectors include - Water, Health, Sanitation, Nutrition, Education, Safety, Agriculture, Livelihood, Governance etc.

Description	Score
Addresses 2 or more core domains	5
Addresses 1 core domain	4
Supports a domain indirectly	3
Limited relevance	2
No relevance	1
Data Unavailable	0

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2. Expected Impact & Inclusiveness

Assesses the breadth of the beneficiary base to determine if the technology functions as a shared 'Public Good' accessible to the wider community or as a 'Private Asset' limited to individual ownership.

Description	Score
Tool is designed as a community-level or public service system, intended for shared use across a village or large population (e.g., service-based, centralised, platform-based tools).	5
Tool is designed for group-level institutional use, such as SHGs, FPOs, schools, health centres, Gram Panchayats, or similar collective entities etc.	4
Tool is designed for limited group or cluster use, serving a defined subset of users but not the entire community.	3
Tool is designed primarily for individual household or single-unit use, even if it may be replicated for others.	2
Tool is designed for single-user / personal use, with benefits confined to one individual or one asset.	1
Data Unavailable	0

3. Cost & Affordability – 3 Year TCO per Village

Evaluates the Total Cost of Ownership (Capital + 3-Year Maintenance and Insurance) to determine if the solution is financially sustainable for the Gram Panchayat and scalable for the State.

Description	Score
≤ ₹3,00,000	5
₹3,00,001 – ₹5,00,000	4
₹5,00,001 – ₹7,00,000	3
₹7,00,001 – ₹10,00,000	2
> ₹10,00,000	1
Data unavailable	0

4. Reliability – Uptime Under Rural Conditions

Verifies the system's operational stability under harsh rural conditions to ensure consistent service delivery without frequent downtime or failure.

Description	Score
≥ 98% uptime	5
95–97%	4
90–94%	3
80–89%	2
< 80%	1
Data Unavailable	0

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5. Ease of Installation – Days Required

Determines the speed and simplicity of deployment (e.g., <2 days) to ensure the solution can be implemented rapidly without complex infrastructural changes.

Description	Score
≤ 2 days	5
3–5 days	4
6–14 days	3
15–30 days	2
> 30 days	1
Data Unavailable	0

6. Ease of Use for Staff – Training Hours Needed

Assesses the training time required for local village staff to operate the tool, ensuring the technology is usable by semi-skilled operators without external dependency.

Description	Score
≤ 2 hours	5
3–5 hours	4
6–10 hours	3
11–20 hours	2
> 20 hours	1
Data Unavailable	0

7. Maintenance Availability – Repair Turnaround Time

Evaluates the vendor's guaranteed turnaround time for local repairs to ensure that technical failures do not lead to prolonged service disruptions.

Description	Score
≤ 48 hours	5
3–5 days	4
6–10 days	3
11–20 days	2
> 20 days	1
Data Unavailable	0

8. Integration & Compatibility

Checks the tool's ability to export data in open, non-proprietary formats (API, JSON, CSV) to ensure seamless integration with State Government dashboards.

Description	Score
API + JSON + CSV	5
API + CSV	4
CSV only	3
PDF only	2
No export	1
Data Unavailable	0

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9. Data Security & Privacy – Compliance Score

Scrutinizes compliance with mandatory encryption, server security, and ownership protocols to ensure village data remains exclusive government property.

Mandatory 5 checks: Encryption, Ownership, Secure Server, Access Control, No External Sharing.

Description	Score
Meets all 5	5
Meets 4	4
Meets 3	3
Meets 2	2
Meets 1	1
Data Unavailable	0

10. Proven Success in Rural India

Validates the solution's track record in similar rural environments and ensure deployment of proven, field-tested solutions.

Description	Score
≥ 100 GPs	5
20–99 GPs	4
6–19 GPs	3
2–5 GPs	2
1 GP	1
Data Unavailable / No rural deployment	0

Score Calculation table*

Parameter	Raw Score (0 – 5 / NA)	Base Weight	Applicable Weight	Adjusted Weight	Score
Relevance to Village Needs	0	1.5	1.5	1.363636364	0
Expected Impact and Inclusiveness	0	1.5	1.5	1.363636364	0
Cost (3-year TCO)	0	1.5	1.5	1.363636364	0
Reliability (Uptime %)	0	1.5	1.5	1.363636364	0
Ease of Installation	0	1	1	0.909090909	0
Ease of Use	0	1	1	0.909090909	0
Maintenance & Support	0	1	1	0.909090909	0
Integration & Compatibility	0	1	1	0.909090909	0
Data Security & Privacy	0	0.5	0.5	0.454545455	0
Proven Success in Rural India	0	0.5	0.5	0.454545455	0
Sum Applicable Weight			11		
Scale Factor (10 / Sum Applicable)			0.909090909		
TOTAL SCORE (out of 100)					0

Worked Example of Score Calculation

Illustration: Suppose a vendor offers a solar-powered street-lighting system for a Gram Panchayat. The system passes all four red-flag checks in Section A. Being a stand-alone hardware installation, it does not store or transmit any village or citizen data; hence the evaluator marks parameters 8 (Integration & Compatibility) and 9 (Data Security & Privacy) as NA (Not Applicable). The remaining eight parameters are given Raw Scores from the scales in Section C as shown below.

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Step 1 – Applicable Weight: Each scored parameter keeps its Base Weight. The two NA parameters get an Applicable Weight of 0. Sum of Applicable Weights = (1.5 × 4) + (1.0 × 3) + (0.5 × 1) = 6 + 3 + 0.5 = 9.5 (instead of 11 when all ten apply).

Step 2 – Scale Factor: 10 ÷ Sum of Applicable Weights = 10 ÷ 9.5 = 1.052631579.

Step 3 – Adjusted Weight: Base Weight × Scale Factor. For a Critical parameter: 1.5 × 1.052631579 = 1.578947; for a Medium parameter: 1.0 × 1.052631579 = 1.052632; for a Basic parameter: 0.5 × 1.052631579 = 0.526316. The Adjusted Weights of the eight applicable parameters again add up to 10, so the weight of the NA parameters has been redistributed in proportion.

Step 4 – Score per parameter: Raw Score × Adjusted Weight × 2. For example, Relevance to Village Needs = 4 × 1.578947 × 2 = 12.63; Ease of Use = 5 × 1.052632 × 2 = 10.53; Proven Success in Rural India = 3 × 0.526316 × 2 = 3.16.

Step 5 – Total Score: Sum of all parameter scores = 85.26 out of 100. Since the total is greater than 70, the tool qualifies for a demo at the taluka-level Tech Exhibition.

Parameter	Raw Score (0 – 5 / NA)	Base Weight	Applicable Weight	Adjusted Weight	Score
Relevance to Village Needs	4	1.5	1.5	1.578947368	12.63
Expected Impact and Inclusiveness	5	1.5	1.5	1.578947368	15.79
Cost (3-year TCO)	4	1.5	1.5	1.578947368	12.63
Reliability (Uptime %)	5	1.5	1.5	1.578947368	15.79
Ease of Installation	4	1	1	1.052631579	8.42
Ease of Use	5	1	1	1.052631579	10.53
Maintenance & Support	3	1	1	1.052631579	6.32
Integration & Compatibility	NA	1	0	0	0
Data Security & Privacy	NA	0.5	0	0	0
Proven Success in Rural India	3	0.5	0.5	0.526315789	3.16
Sum Applicable Weight			9.5		
Scale Factor (10 / Sum Applicable)			1.052631579		
TOTAL SCORE (out of 100)					**85.26**

Calculation Logic

1. Overview

This section defines the key terms and mathematical logic used in the STREAM. The methodology ensures that every technology is evaluated fairly out of a standard 100 Marks, even if certain parameters are marked 'Not Applicable' (NA).

2. Definition of Key Terms

a. Raw Score (0–5)

The initial score given by the evaluator based on the tech solution's performance. Scale - 5 (Excellent) to 1 (poor) / 0 - Missing Evidence, NA - Not Applicable (if the parameter does not apply to the specific tool).

b. Base Weight

The standard 'Importance Value' assigned to each parameter (e.g. Cost has a higher weight of 1.5 compared to Data Privacy at 0.5). It reflects the priority of the Government for that specific criteria.

c. Applicable Weight

The weight that is actually active for the specific tool being evaluated.

- If Raw Score is 0 – 5, the Applicable Weight = Base Weight.
- If Raw Score is NA, the Applicable Weight = 0.

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d. Adjusted Weight (The Normalization Factor)

The recalculated weight that ensures the total of all active parameters sums up to a standard value of 10.

If a parameter is marked 'NA', its weight is removed. To prevent the maximum score from dropping, the system automatically redistributes that missing weight among the remaining parameters.

Formula: Adjusted Weight = Base Weight × (10 / Sum of All Applicable Weights)

e. Indicator Score (Final Score per Parameter)

The final points contributed by a specific parameter towards the total score of 100. It combines the evaluator's rating with the adjusted weight and applies a scaling multiplier.

Formula: Indicator Score = Raw Score × Adjusted Weight × 2

(Note: The multiplier '2' scales the score to percentage terms, i.e., out of 100).

Conclusion

This scoring method provides transparency, showing exactly how many points each specific parameter contributed to the final percentage. A technology tool with a total score greater than 70 should be approved for a demo at the Taluka level Technology Exhibitions.

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