नगर निगम, वाराणसी ।

EOI 2026–27

पत्रांक संख्या– 618 /मु0अभि0/2026–27 दिनांक– 05/11/2026

कृपया सामान्य अभियंत्रण विभाग, द्वारा निम्न कार्य की EOI आमंत्रित की जाती है। कार्य का विवरण नगर निगम, वाराणसी के वेबसाइट www. nnvns.org.in पर देखा जा सकता है। कार्य का विवरण, नियम व शर्तें वेबसाइट www. nnvns.org.in व नोटिस बोर्ड पर देखी जा सकती हैं:–

Particular	Details
Name Of Work	For Design, Supply, Installation, Testing, Commissioning and Maintenance of a 50-Car Mechanized Puzzle (Stack) Parking System at Bhadaini, Varanasi — Excluding Civil Works
EOI publication / download commencement	05.11.2026
Last date and time for EOI submission	12.11.2026
Opening / review of submissions	13.11.2026
Mode of submission	By hard Copy at Chief Engineer's Office
Queries	mcvns1@gmail.com

मुख्य अभियन्ता
नगर निगम, वाराणसी

VARANASI MUNICIPAL CORPORATION (VARANASI NAGAR NIGAM)

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REQUEST FOR EXPRESSION OF INTEREST (EOI)

For Design, Supply, Installation, Testing, Commissioning and Maintenance of a 50-Car Mechanized Puzzle (Stack) Parking System at Bhadaini, Varanasi — Excluding Civil Works

EOI No.: 618 /2026-27 Date: 05/11/2026

1. Notice Inviting Expression of Interest

The Municipal Commissioner, Varanasi Municipal Corporation (the "Authority"), invites Expressions of Interest from experienced Original Equipment Manufacturers (OEMs), authorized system integrators and specialized agencies for a mechanized puzzle/stack parking system with a minimum of 50 usable car parking spaces at Bhadaini, Varanasi. The EOI is intended to assess suitable technologies, technical capability, indicative costs and market interest, and may be followed by a separate Request for Proposal (RFP)/tender process.

Particulars	Details
Project location	Bhadaini, Varanasi, Uttar Pradesh
Capacity	50 usable car spaces (excluding vacant movement slots)
Scope	Design, supply, erection, electrical/automation, testing, commissioning and proposed O&M
Civil works	Strictly excluded; civil interface inputs to be supplied by agency
Submission address	Office of the Municipal Commissioner, Varanasi Municipal Corporation, Sigra, Varanasi – 221010

2. Background and Objective

The project is proposed to improve organized parking capacity in the Bhadaini area through a compact, safe and maintainable electro-mechanical system. Agencies shall propose an appropriate number of levels and modules based on actual site dimensions, access and permissible height, and demonstrate the working arrangement and independent retrieval of all 50 cars.

3. Basic Scope of Work

(a) Site assessment, conceptual layout, plans/sections, equipment design, structural calculations and foundation load/anchoring interface drawings; (b) supply and erection of integral steel framework, parking pallets, lifting and horizontal shifting drives, motors, gearboxes, chains/ropes, rails and mechanical accessories; (c) PLC/VFD controls, panels, sensors, cabling, interlocks, operator interface and safety devices; (d) transportation, installation, integration, testing, load trials, commissioning, training, manuals and as-built drawings; (e) separate proposal for warranty and five-year operation/maintenance.

Excluded: excavation, RCC foundations/pedestals/slabs, roads/ramps, drainage, building/enclosure works and external power infrastructure. Integral equipment steelwork and anchor assemblies shall be included; civil works shall be executed separately by the Authority/its appointed agency.

4. Mandatory Technical and Mechanism Submission

Each applicant shall provide: (i) module-wise parking layout showing levels, usable spaces, vacant shifting positions, entry/exit and vehicle envelope; (ii) lifting and shifting operating sequence with drawings/animation; (iii) number, make, rating and duty of motors, gearboxes, drives, PLC/VFD, sensors and safety devices; (iv) platform dimensions/load capacity, steel grade and calculated tonnage; (v) connected load, estimated kWh per cycle, parking/retrieval times and peak-hour throughput; (vi) emergency stop, anti-fall, overload, power-failure recovery and manual retrieval provisions; (vii) foundation reactions, dynamic loads, anchorage and civil interface requirements; and (viii) installation period, warranty, spares and service support.

5. Indicative Cost Breakup — Mandatory Format

Agencies shall quote quantities, units, unit rates and amounts (₹), with make/specification and supporting OEM/catalogue quotations or other verifiable cost basis. Lump-sum totals without mechanism-wise justification may be treated as incomplete.

S. No.	Cost head	Quantity / unit	Rate (₹)	Amount (₹)
1	Equipment steel frame (MT), fabrication and coating	—	—	—
2	Vehicle pallets/platforms (Nos.)	—	—	—
3	Vertical lifting drives, motors, gearboxes and transmission	—	—	—
4	Horizontal shifting drives, rails, rollers and transmission	—	—	—
5	PLC/VFD panels, sensors, safety devices and controls	—	—	—
6	Internal cabling, HMI and automation/software	—	—	—
7	Engineering, transport, erection, testing and commissioning	—	—	—
8	Other specified equipment (itemize separately)	—	—	—
	Subtotal excluding civil works			—
	GST (separately stated) / Total capital cost			—
	Capital cost per usable space = total ÷ 50			—

Cost justification shall explain how the number of levels/modules, movement slots, lifting/shifting mechanisms, drive capacities, steel tonnage and control systems determine the quoted cost. State the basis of each quantity and any optional items separately.

6. Operation and Maintenance Proposal

Provide warranty period and separate year-wise AMC and comprehensive CMC costs for five years, specifying operating manpower, consumables, spare parts, preventive maintenance, breakdown response time, expected equipment life and annual energy use. Indicate whether quoted O&M starts after warranty and identify all exclusions.

7. Eligibility and Documents

Applicants should be registered OEMs, authorized suppliers or experienced integrators of mechanized parking systems, with evidence of similar installations, OEM authorization where applicable, company registration, relevant work orders/completion or operating certificates, technical brochures, service capability and a signed non-blacklisting declaration. Detailed qualification thresholds, if any, shall be prescribed by the Authority in subsequent procurement documents.

8. Method of Selection and Submission

EOI responses shall be assessed for site suitability, effective 50-car capacity, technical reliability, safety, parking/retrieval performance, transparency of component costs, lifecycle maintenance and proven experience. The Authority may seek clarifications, site visits, demonstrations or presentations, and may shortlist agencies for subsequent RFP/tender proceedings. Submission shall comprise a signed covering letter, company profile, credentials, proposed layout, mechanism narrative, technical specifications, detailed financial format and O&M proposal.

9. General Terms and Conditions

9.1 This EOI is issued for market consultation and shortlisting purposes only. It is neither an agreement nor an offer of contract; issue of the EOI does not bind the Authority to appoint any agency.

9.2 Applicants shall independently inspect the site and verify conditions, available dimensions, access, technical feasibility and all assumptions. Information supplied by the Authority is indicative and shall not replace independent due diligence.

9.3 The Authority may amend, supplement, postpone, cancel or withdraw this EOI or the process, and may reject any or all submissions without assigning reasons, subject to applicable procurement rules.

9.4 All costs of preparation, travel, presentation and submission shall be borne solely by applicants. No reimbursement or compensation shall be payable by the Authority.

9.5 The Authority makes no warranty regarding the completeness or accuracy of indicative project information; applicants shall be responsible for validating their proposals and estimates.

9.6 Any information identified as confidential by the Authority shall not be circulated or disclosed without its prior written consent, except as required by law.

9.7 The successful procurement, if pursued, shall be governed by a separate tender/RFP and applicable government procurement requirements. EOI participation does not guarantee eligibility or award at that stage.

10. Important Dates and Contact

Particular	Details
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For and on behalf of Varanasi Municipal Corporation

Chief Engineer

Varanasi Municipal Corporation, Varanasi