

NOTICE INVITING OPEN TENDER

for

**REDEVELOPMENT OF CHILDREN'S PLAY AREA AT VIJNANAPURA CAMPUS, INDIAN
INSTITUTE OF SCIENCE (IISc) BENGALURU,**



Tender No.: R/CSS/Childrenplayarea/August - 2026

Tender Document	The tender document can be downloaded from the Institute website.
Issue of tender document date	20.08.2026
Last Date and Time of submission of the tender	10.09.2026
Date, Time and Venue of opening of the Technical Bids	Will be intimated subsequently. Kindly visit the Institute website for regular updates

All bidders are requested to visit the Institute website for regular updates: [https://iisc.ac.in/all- tenders/](https://iisc.ac.in/all-tenders/)

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1	Introduction
	The Indian Institute of Science (IISc), Bengaluru, is a premier research and academic institution in India, with a vibrant residential community comprising faculty members, students, staff, and their families. The Institute has residential facilities at its Vijnanapura Campus, which serves as an important residential hub for members of the IISc community and their families. The Vijnanapura Campus provides a residential environment with various community amenities and recreational facilities for its residents. Considering the presence of a significant number of children among the resident community and the need to provide safe, accessible, and engaging recreational spaces, the Institute proposes to redevelop the existing Children's Play Area at Vijnanapura Campus, IISc Bengaluru. IISc invites Open Tenders from eligible and experienced agencies Redevelopment of Children's Play Area at Vijnanapura Campus, IISc Bengaluru.
2	Pre-Qualification Criteria
	The bidder shall meet the following minimum eligibility criteria: (a) Experience (i) Legal Status and Technical Capability The bidder shall be a legally registered and operational entity and shall possess adequate technical capability, qualified manpower, tools, equipment, and resources to undertake the complete scope of work, including but not limited to: (A) Supply, installation, commissioning, and maintenance of children's play area equipment. (B) Laying and establishment of natural grass, including necessary site preparation. (C) Preparation of base and installation of EPDM flooring for the play area. (D) Repair, maintenance, painting, greasing, and restoration of existing play area equipment. (E) Execution of all associated civil, electrical, drainage, landscaping, foundation, and other allied works required for installation of play equipment, EPDM flooring, and natural grass. (ii) Similar Work Experience The bidder shall have a minimum of three (03) years of experience in execution of works relating to the development/redevelopment of children's play areas, playgrounds, recreational spaces, or similar outdoor recreational facilities. (iii) Experience in Bengaluru The bidder must have successfully completed similar works pertaining to children's play areas within Bengaluru during the last three (03) years preceding the bid submission date, with an aggregate executed value of not less than ₹10.00 Lakhs. The similar works may include, but shall not be limited to, supply and installation of children's play equipment, natural grass/landscaping, EPDM or other safety flooring, repair and maintenance of existing play equipment, and associated civil and allied works.

(The aforesaid similar works shall have been executed for **Central/State Government Departments, Government Institutions, Autonomous Bodies, Public Sector Undertakings (PSUs), reputed educational/research institutions, or reputed private organizations/builders.**)

(iv) Documentary Evidence

In support of the above eligibility criteria, the bidder shall submit verifiable documentary evidence such as **work orders, purchase orders, agreements, completion certificates, client certificates, or other relevant documents** issued by the concerned client for the works executed during the specified period.

The documents submitted shall clearly indicate the **nature of work, value of work, location, and date/period of execution** to establish compliance with the prescribed eligibility criteria.

(v) Rejection for Non-Compliance

Non-submission of the requisite documentary evidence or failure to comply with any of the above eligibility requirements shall render the bid **liable for rejection**.

(b) Statutory Requirements

The bidder shall possess:

- (i) Permanent Account Number (PAN).
- (ii) GST Registration Certificate.
- (iii) Any other statutory registrations, licences, or permits required under applicable law
- (iv) The bidder shall be responsible for obtaining and maintaining all necessary statutory approvals, permissions, and licences required for execution of the work, wherever applicable.

(c) Reputation

The bidder shall:

- (i) Not have been blacklisted or debarred by any Government Department, Public Sector Undertaking (PSU), Autonomous Institution, University, Research Institution, or Corporate Entity.
- (ii) Submit a self-declaration to in this regard.

(d) Financial Capability

- (i) The bidder shall have achieved a minimum annual turnover of **₹30 lakh** in each of the last three financial years.
- (ii) The bidder shall submit audited financial statements and Income Tax Returns for the last three financial years. Failure to submit any of the prescribed documents shall result in summary rejection of the bid.

(e) Original Equipment Manufacturer (OEM) / Authorized Distributor

- (i) The quotation shall be submitted only by an **Indian Original Equipment Manufacturer (OEM)** or its **Indian Authorized Distributor**.

	(ii) In case of an authorized distributor, the bidder shall submit a valid authorization certificate/letter issued by the OEM confirming its authorization to quote and supply the products covered under this tender. (f) Basis of Quotations The bidder shall quote the rates only in Indian Rupees (INR) and on FOR-IISc, Bengaluru basis. (g) Exemption for MSMEs (i) Micro and Small Enterprises (MSEs) shall be eligible for exemption/relaxation from applicable prior turnover, prior experience and other qualification criteria, (ii) Bidders claiming such exemption/relaxation shall submit valid documentary evidence, such as a Udyam Registration Certificate, along with their bid. The eligibility for and extent of exemption/relaxation shall be governed by the applicable Government of India rules and instructions prevailing as on the date of tender. (iii) However, such exemption/relaxation shall not be applicable to essential technical specifications, quality requirements, statutory requirements, safety requirements or other essential conditions specified in the tender.
3	Scope of Work
	Renovation and Upgradation of Children's Play Area The scope of work shall comprise dismantling, site preparation, civil works, EPDM flooring, development of natural grass areas, repair and painting of existing benches, supply and installation of new play equipment, upgradation of existing play equipment, and all associated works required for complete renovation and safe functioning of the Children's Play Area. The scope shall include supply of all required materials, labour, tools, machinery, equipment, transportation, consumables and other resources necessary for complete and satisfactory execution of the works, in accordance with the specifications, applicable safety standards and directions of IISc. (a) Dismantling and Site Preparation (i) Removal of old, damaged and/or unsafe existing play equipment, except the existing multi-station and merry-go-round, which shall be retained unless otherwise directed by IISc. (ii) Shifting of dismantled equipment, materials and scrap to the location specified by IISc, including transportation to the designated scrap yard/disposal location wherever required. (iii) Clearing of the site, including removal of debris, stones, weeds, unwanted vegetation and other obstructions from the designated work areas. (iv) Excavation, levelling and grading of the site as required for EPDM flooring zones and natural grass areas. (v) Removal and disposal of surplus excavated earth and other waste materials at locations specified by IISc. (vi) Adequate precautions shall be taken during dismantling, excavation and site preparation to avoid damage to existing structures, utilities, landscaping and other facilities within the premises.

- (b) **Civil Works for EPDM Flooring Base Preparation**
- (i) Excavation of the designated EPDM flooring area to the required depth, line, level and slope.
 - (ii) Proper preparation, levelling, grading and compaction of the subgrade to provide a stable base and adequate slope for effective drainage.
 - (iii) Providing and laying of **3-inch thick Wet Mix Macadam (WMM)** sub-base, including spreading, watering, levelling and proper compaction.
 - (iv) Providing and laying of **3-inch thick Plain Cement Concrete (PCC)** base over the prepared WMM sub-base.
 - (v) The PCC shall be laid to the required line, level and slope, properly compacted, finished and cured.
 - (vi) The finished PCC surface shall be smooth, even and free from projections, depressions or other defects that may affect the installation or performance of the EPDM flooring.
 - (vii) The completed base shall provide adequate drainage and shall be suitable for installation of the specified EPDM flooring system.
- (c) **EPDM Flooring: EPDM flooring shall be provided beneath and around all play equipment to ensure adequate safety cushioning and fall protection.**
- (i) **Excavation**
 - (A) Excavation of the designated EPDM flooring area up to a depth of approximately **7 inches from the existing ground level**, including removal and disposal of excavated material as required.
 - (B) **Levelling and Grading**
 - (C) Proper levelling, grading and compaction of the excavated surface to achieve the required slope for effective drainage.
 - (D) **WMM Sub-base**
 - (E) Providing and laying of **3-inch thick WMM layer**, including spreading, watering, levelling and mechanical compaction to form a stable and well-compacted sub-base.
 - (F) **PCC Base**
 - (G) Providing and laying of **3-inch-thick PCC layer** over the WMM sub-base, including compaction, finishing and curing, with the required slope for proper drainage.
 - (H) **Surface Preparation**
 - (I) Finishing of the PCC surface to obtain an even, smooth and level surface suitable for EPDM flooring installation.
 - (J) **EPDM Flooring**
 - (K) Providing and laying of **27 mm thick in-situ EPDM flooring**, comprising:
 - (I) **19 mm thick SBR rubber base layer**; and
 - (II) **8 mm thick coloured EPDM top layer**.
- The EPDM flooring shall be installed in-situ over the prepared PCC base using suitable **polyurethane (PU) binder** and finished by appropriate trowel application to achieve a uniform, seamless and durable surface.
- (xii) **EPDM Flooring Requirements**
- The completed EPDM flooring shall:
- (A) be suitable for children's play areas;
 - (B) be impact-absorbing;
 - (C) have an anti-skid surface;
 - (D) be UV-resistant;

- (E) be weather-resistant;
- (F) be seamless and durable; and
- (G) provide a safe and suitable surface for children's play activities.

The flooring shall be installed in accordance with the manufacturer's recommended installation procedure and applicable safety requirements.

(xiii) Maintenance and Warranty

Annual maintenance of the EPDM flooring shall be provided for a period of **three (3) years**, including:

- (A) thorough cleaning;
- (B) inspection for damage and deterioration;
- (C) repair of minor cracks and worn-out patches;
- (D) restoration of damaged areas; and
- (E) other minor maintenance required to maintain the flooring in safe and usable condition.

The EPDM flooring shall carry a **minimum warranty of three (3) years** from the date of successful completion and handover, covering defects in materials and workmanship, subject to normal use.

(d) Laying of Natural Grass

- (i) Clearing of the designated area by removing stones, debris, weeds, unwanted vegetation and other unwanted materials, with disposal as directed by IISc.
- (ii) Excavation of the designated area up to a depth of approximately **3 inches from the existing ground level**, wherever required.
- (iii) Proper levelling and grading of the excavated surface to achieve a uniform base with adequate slope for natural drainage.
- (iv) Preparation of soil by loosening and mixing with suitable topsoil and manure/organic soil conditioner, wherever required, to improve soil fertility and support healthy grass growth.
- (v) Providing and laying of good-quality natural grass/turf over the prepared surface to achieve uniform, dense and healthy coverage.
- (vi) Initial watering, rolling, finishing and other necessary measures to ensure proper setting and establishment of the grass.
- (vii) The work shall include all materials, labour, tools, equipment and other resources required for complete and satisfactory execution of the natural grass area.

(e) Repair and Painting of Existing Benches

- (i) Removal and shifting of existing benches to the location specified by IISc for carrying out repair and painting works.
- (ii) Inspection and execution of minor repairs required to make the benches safe and suitable for use.
- (iii) Proper cleaning and surface preparation prior to painting, including removal of loose paint, rust, dirt and other contaminants, wherever applicable.
- (iv) Application of **two to three coats of approved-quality paint** to achieve a smooth, uniform, durable and aesthetically satisfactory finish.
- (v) Reinstallation of the benches at locations specified by IISc after completion of painting and necessary curing.

(f) Supply and Installation of New Play Equipment

Supply, transportation, assembly and secure installation of the following new play equipment:

Ser	Description	Quantity
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(a)	Double See-Saw	1 Unit
(b)	Double Swing	2 Unit
(c)	HDPE Spring Rider	1 Unit
(d)	Pull-up Bar	1 Unit
(e)	Spiral Slide (LLDPE or equivalent)	1 Unit
(f)	Straight Slide (LLDPE or equivalent)	1 Unit
(g)	Adventure Climber	1 Unit
(h)	Canopy for Existing Multi-station	2 Unit
(i)	Spiral and Straight Slide for Existing Multi-station (LLDPE or equivalent)	2 Unit

(i) All play equipment shall be new, of good quality, suitable for outdoor children's play areas and free from manufacturing defects.

(ii) The work shall include all necessary foundations, anchorages, fasteners, fixtures, fittings and accessories required for safe and secure installation.

(iii) All equipment shall be securely anchored/fixed to the ground in accordance with the manufacturer's recommendations and applicable safety requirements.

(iv) The installed equipment shall be stable, structurally sound and free from sharp edges, dangerous projections or other features that may cause injury during normal use.

(v) Adequate clearances and safe operating zones shall be maintained around each item of play equipment.

(vi) Final tightening, alignment, levelling and safety inspection of all equipment shall be carried out prior to handover.

(vii) Annual Maintenance

Annual maintenance of the children's play equipment shall be provided for a period of **four (4) years**, including:

- (A) Inspection of structural stability;
- (B) Checking and tightening of nuts, bolts, fasteners and joints;
- (C) Lubrication of moving components, wherever applicable;
- (D) Inspection of welds, fixtures, foundations and anchorages;
- (E) Touch-up painting, wherever required;
- (F) Rectification of minor damages and defects; and
- (G) Routine maintenance necessary to ensure safe and satisfactory operation.

(viii) Warranty

All newly supplied and installed play equipment shall carry a **minimum warranty of four (4) years** from the date of successful completion and handover, covering defects in materials and workmanship, subject to normal use and applicable manufacturer's warranty conditions.

(g) Upgradation of Existing Multi-station and Merry-Go-Round

(i) Existing Multi-station

The existing multi-station shall be retained and upgraded as follows:

- (A) Supply and installation of **two (2) new canopies** for the existing multi-station structure.
- (B) Removal of the existing worn-out spiral and straight slide.
- (C) Supply and installation of a **new spiral and straight slide** compatible with the existing multi-station structure.
- (D) Painting of the existing multi-station structure after proper surface preparation.

	(E) Replacement of damaged rods, components, fixtures and other minor parts, wherever required, to ensure safe and satisfactory operation. (F) Repair, tightening, alignment and inspection of relevant components of the existing multi-station. (G) Providing and laying of EPDM flooring in the designated area around the existing multi-station, as specified by IISc. (ii) Existing Merry-Go-Round The existing merry-go-round shall be retained and repaired, including: (A) Inspection and repair of the structure and associated components. (B) Greasing/lubrication of all applicable joints, bearings and moving components. (C) Tightening and replacement of damaged fasteners/components, wherever required. (D) Painting of the existing merry-go-round after proper surface preparation. (E) Final testing and safety inspection to ensure smooth and safe operation. (h) Final Finishing, Inspection and Handover (i) Thorough cleaning of the entire site upon completion of all works. (ii) Removal of all construction debris, surplus materials, packaging, scrap and waste from the work area. (iii) Comprehensive inspection of all installed and renovated play equipment, EPDM flooring, benches and other completed works. (iv) Safety inspection of all play equipment, including structural stability, foundations, fasteners, joints, moving components and other safety-critical elements. (v) Rectification of any defects, deficiencies or unsafe conditions identified during inspection before final handover. (vi) Handover of the completed Children's Play Area in a fully functional, clean, safe and child-friendly condition. (vii) Demonstration to the concerned authority regarding safe use of the play equipment and basic maintenance requirements. (viii) Submission of relevant product literature, manufacturer's maintenance instructions, warranty documents and other documents pertaining to the installed play equipment and flooring at the time of handover. (j) General Requirements (i) The scope shall include supply of all materials, labour, tools, machinery, equipment, transportation, installation, testing, finishing and cleaning necessary for complete execution of the works. (ii) All materials and equipment supplied shall be of approved quality and shall conform to applicable Indian Standards, relevant safety requirements and manufacturer's specifications, wherever applicable. (iii) Makes, models, colours, materials and finishes of play equipment, EPDM flooring and other major items shall be subject to approval by IISc before installation/procurement, wherever specified. (iv) All necessary precautions shall be taken to ensure the safety of children, staff, visitors and workers during execution of the work. (v) Existing structures, trees, landscaping, utilities and other facilities within the premises shall be adequately protected during execution. Any damage caused during execution shall be rectified at no additional cost to IISc.
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	(vi) Site dimensions, quantities and existing conditions shall be verified before commencement of the respective works. Any discrepancy observed shall be brought to the notice of IISc before execution of the concerned item. (vii) The works shall be executed in accordance with the approved specifications, drawings/details, applicable safety standards and instructions issued by the Engineer-in-Charge/authorized representative of IISc. (viii) All completed works shall be finished in a neat, workmanlike manner and to the satisfaction of IISc.
4	General Terms & Conditions
	(a) Scope and General Obligations (i) The work shall comprise the complete renovation and upgradation of the Children's Play Area at Vijnanapura Campus, IISc Bengaluru, as detailed in the Scope of Work, technical specifications and other provisions of this tender document. (ii) The successful bidder shall be responsible for complete and satisfactory execution of all works specified in the tender, including supply of materials, labour, tools, tackles, machinery, equipment, transportation, loading, unloading, dismantling, installation, civil works, foundations, surface preparation, finishing, testing, cleaning, maintenance and all other incidental works necessary for completion of the work. (iii) All works shall be executed in accordance with the specifications, approved samples, applicable standards, safety requirements, manufacturer's recommendations and instructions issued by the authorized representative of IISc. (iv) The successful bidder shall ensure that all materials, equipment and workmanship conform to the quality and technical requirements specified in the tender document. (b) Mandatory Site Visit and Sample Submission (i) Mandatory Site Visit The bidder shall mandatorily visit and inspect the site of work, i.e., Children's Play Area at Vijnanapura Campus, IISc Bengaluru, and examine the site, existing facilities, surrounding conditions and access arrangements before submission of the bid. The bidder shall, at its own responsibility and cost, obtain all information necessary for preparation of the bid and for satisfactory execution and completion of the work. Submission of the bid shall be deemed to constitute confirmation that the bidder has inspected the site and has fully acquainted itself with the scope of work, existing site conditions, access, dimensions, working conditions, existing play equipment, surrounding facilities and all other circumstances that may affect execution of the work. No claim for additional payment, compensation, revision of rates or extension of time arising solely from lack of knowledge or understanding of the site conditions shall ordinarily be entertained after submission of the bid. (ii) Site Visit Certificate The bidder shall submit, along with the technical bid, a Site Visit Certificate in the format provided at Annexure-I, duly signed by the authorized official of IISc after completion of the site visit. The Site Visit Certificate shall be treated as a mandatory requirement for submission of the bid. Any bid submitted without the Site Visit Certificate shall be treated as non-responsive and shall be rejected without further evaluation or consideration.

	(iii) Submission of Samples The bidder shall submit, free of cost, samples of the proposed materials for EPDM flooring and natural grass/turf intended to be used for execution of the work. The samples shall be submitted at the time and in the manner specified by IISc for evaluation of quality, colour, design, finish and suitability. (iv) Inspection of Completed Similar Work The bidder shall, at its own cost and without any liability to IISc, arrange for inspection of at least one (1) completed site within Bengaluru where works of similar nature and scope have been executed by the bidder. The bidder shall provide the necessary details of such completed work and facilitate inspection of the site by IISc or its authorized representative, as and when required during the evaluation process. (v) Approval of Samples The samples submitted by the bidder shall be subject to evaluation and approval by the competent authority of IISc. Supply and installation of the respective materials shall be undertaken only after approval of the samples by the competent authority of IISc, wherever such approval is specified. Approval of samples shall not relieve the successful bidder of its responsibility to ensure that the materials supplied and installed conform to the specifications, quality requirements, applicable standards, approved make/model, safety requirements and other conditions of the tender. (vi) Consistency with Approved Samples The materials supplied and installed during execution shall be of the same or equivalent approved quality, colour, design, finish and specifications as the samples approved by IISc. Any material found to differ materially from the approved sample, or the prescribed technical specifications may be rejected and shall be replaced with conforming material at no additional cost to IISc. (vii) No Deviation from Technical Specifications (A) Submission and approval of samples shall not be construed as permitting any deviation from the technical specifications, quantities, dimensions, thicknesses, performance requirements, safety requirements, warranty conditions or other requirements specified in the tender document. (B) Where there is any conflict between an approved sample and the written technical specifications of the tender, the requirements specified in the tender document shall prevail unless specifically approved otherwise in writing by IISc. (c) Price and Site Clearance (i) Inclusive Quoted Price The quoted price shall be inclusive of the cost of all materials, labour, tools, tackles, machinery, equipment, transportation, loading, unloading, installation, dismantling, foundations, civil works, surface preparation, finishing, testing, maintenance, cleaning, disposal of waste, applicable taxes, duties, levies, cess and all other incidental and consequential expenses required for complete and satisfactory execution of the work. No additional payment shall be admissible for any item, activity, material or service necessary for proper completion of the work, whether specifically mentioned or incidental to the Scope of Work.
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(ii) Site Clearance and Handover

The successful bidder shall remove all debris, dismantled materials, packaging waste, surplus materials, excavated earth and construction waste generated during execution of the work from the site and dispose of the same at locations as directed by IISc.

Upon completion of the work, the entire Children's Play Area shall be thoroughly cleaned and handed over to IISc in a clean, safe, functional and usable condition.

(d) Natural Grass – Establishment and Initial Maintenance

(i) The natural grass shall be properly laid, watered, rolled and maintained for a minimum period of **30 (thirty) days from the date of laying**, or until satisfactory establishment of the grass, whichever is later.

(ii) During this period, adequate watering and necessary initial maintenance shall be carried out to ensure proper establishment and uniform growth of the grass.

(iii) Any portion of the grass that fails to establish, dries out or becomes unsuitable during the above period shall be replaced with fresh, good-quality grass at no additional cost to IISc.

(e) EPDM Flooring – Quality and Workmanship

(i) The EPDM flooring shall be laid strictly in accordance with the approved sample, specified thickness, approved colour/design, manufacturer's recommended installation procedure and applicable safety requirements.

(ii) The completed EPDM surface shall be uniform, properly bonded, seamless, anti-skid, impact-absorbing and free from cracks, bubbles, loose patches, undulations, open joints, gaps, uneven surfaces, sharp edges or abrupt level differences.

(iii) Any portion of the EPDM flooring found to be defective, damaged, improperly bonded, uneven or otherwise not conforming to the specified requirements shall be rectified, repaired or re-laid, as applicable, at no additional cost to IISc.

(f) Quality Standards:

(i) The materials used shall be heavy-duty, weather-resistant, and suitable for outdoor usage, in accordance with the specifications indicated in the bid document.

(ii) All play equipment shall have a smooth finish with anti-rust/anti-corrosive coating and shall be free from sharp edges, or projections to ensure safety of children.

(iii) The EPDM flooring system offered shall be certified and approved for use in athletics tracks as per World Athletics standards. Documentary proof of such approval shall be furnished as part of the technical bid.

(iv) The bidder shall submit a detailed catalogue / brochure of the proposed EPDM flooring and astro turf, clearly indicating minimum of 80% of the specified technical requirements, and the same shall be substantiated through the submitted documents.

(v) The bidder shall be either the Original Equipment Manufacturer (OEM) or an authorized distributor / dealer of the proposed EPDM flooring and astro turf products. Valid authorization certificates or documentary proof from the OEM shall be submitted along with the bid.

(vi) The contractor shall be responsible for the rectification of any defects, shrinkages, settlement, or other faults that may appear in the civil works within a period of twelve (12) months from the date of completion/handing over of the work (Defect Liability Period).

(g) Statutory Compliance, Labour and Safety

(i) The successful bidder shall comply with all applicable Central, State and Local laws, statutory requirements, labour laws, rules, regulations, safety requirements,

	environmental requirements and other applicable provisions during execution of the work. (ii) All applicable statutory registrations, licences, permissions and approvals required for execution of the work shall be obtained and maintained wherever applicable. (iii) All personnel engaged at the site shall comply with the safety, security, access control and campus rules/instructions of IISc. (iv) IISc shall not be responsible for any violation, non-compliance, penalty, liability or consequence arising from failure to comply with applicable statutory, labour, safety or environmental requirements by the successful bidder. (h) Declaration Regarding Blacklisting/Debarment (i) The bidder shall submit a declaration on its official letterhead, duly signed by the competent authority, confirming that the firm/company has not been blacklisted, debarred or banned by any Central/State Government Department, Public Sector Undertaking (PSU), Autonomous Body, Statutory Body or Government Institution as on the date of submission of the bid. (ii) Any false, forged, misleading or incorrect declaration submitted by the bidder shall render the bid liable for rejection and may result in cancellation of the order/contract and such other action as may be permissible under applicable rules and the terms of the tender. (j) General Compliance with Government Procurement Policies (i) The bidder shall comply with all applicable Government of India and State Government rules, policies, orders, notifications and guidelines relating to public procurement, including, wherever applicable, provisions relating to Micro and Small Enterprises (MSEs), Startups, Public Procurement (Preference to Make in India), local content, purchase preference and other applicable Government procurement policies. (ii) Any relaxation, exemption, purchase preference or other benefit available to eligible bidders under applicable Government procurement policies shall be governed by the latest applicable Government orders, notifications, guidelines and amendments prevailing as on the bid opening date, as applicable to this procurement. (iii) Submission of any certificate, registration or recognition document by itself shall not automatically entitle a bidder to any relaxation, exemption or purchase preference. The bidder shall satisfy all conditions prescribed under the relevant Government policy as well as the requirements specified in the tender document. (iv) IISc reserves the right to verify the authenticity and validity of any certificate, registration, declaration, financial statement, work order, completion certificate, experience certificate or any other document submitted by the bidder. (v) Furnishing of any false, forged, misleading or incorrect document or information shall render the bid liable for rejection and may result in cancellation of the order/contract and such other action as may be permissible under applicable rules and the terms of the tender. (vi) Where applicable, provisions relating to purchase preference and local content under the Public Procurement (Preference to Make in India) Order, 2017, as amended from time to time, shall be followed in accordance with the latest applicable Government orders, notifications and guidelines. (k) Technical, Quality and Safety Requirements
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	(i) Any relaxation or exemption available to eligible MSEs or DPIIT-recognized Startups in respect of prior experience, prior turnover or other eligibility conditions shall be limited strictly to the extent permitted under the applicable Government procurement policy and the provisions of this tender. (ii) No relaxation or exemption shall be construed as permitting any bidder to deviate from the essential technical specifications, safety requirements, quality standards, workmanship requirements, material specifications, approved samples, approved drawings/designs, performance requirements, warranty requirements or completion requirements specified in the tender document. (iii) All playground equipment, EPDM flooring, civil works, natural grass/landscaping works, fabrication works and other components forming part of the Children's Park Renovation shall conform to applicable Indian Standards, prescribed safety requirements, manufacturer's specifications and the technical specifications stipulated in the tender document, wherever applicable. (iv) All newly supplied play equipment shall be suitable for use in children's play areas and shall be designed, manufactured, supplied and installed in accordance with applicable safety requirements and the approved technical specifications. (v) IISc reserves the right to inspect and verify the quality, specifications and workmanship of materials, equipment and completed works at any stage of execution. (vi) Any material, equipment or work found not conforming to the specified requirements, approved sample, prescribed quality standards or applicable safety requirements shall be rejected or required to be rectified/replaced, as applicable, at no additional cost to IISc. (l) Rights of IISc (i) IISc reserves the right to accept or reject any bid, wholly or partly, in accordance with the applicable procurement rules, the terms and conditions of the tender and the requirements of the Institute. (ii) IISc reserves the right to determine the eligibility, technical compliance, qualification, applicability of any relaxation or exemption and entitlement to any purchase preference in accordance with applicable Government rules, policies and procurement procedures. (iii) The decision of IISc in respect of evaluation of bids, technical compliance, eligibility and other matters relating to the tender shall be governed by the applicable procurement rules and procedures and shall be subject to applicable law. (iv) IISc reserves the right to seek clarification or additional supporting documents from the bidder wherever considered necessary for evaluation of the bid. Such clarification shall not be construed as permitting a bidder to substantially alter or modify its bid or cure a material deficiency after the bid submission deadline, except as permitted under applicable procurement rules. (m) Deemed Acceptance of Tender Conditions (i) The bidder shall be deemed to have carefully examined all provisions of the tender document, including the Scope of Work, technical specifications, eligibility requirements, site conditions, general terms and conditions, maintenance and warranty requirements and other applicable conditions, before submitting the bid. (ii) The bidder shall satisfy itself regarding the nature and extent of the work, site conditions, access, existing facilities and all other circumstances that may affect execution and completion of the work.
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	(iii) Submission of a bid shall be deemed to constitute acceptance of all applicable terms, conditions, specifications and requirements contained in the tender document, unless a specific deviation is expressly permitted under the tender. (iv) No claim arising from lack of knowledge or understanding of the site conditions, Scope of Work or tender requirements shall ordinarily be entertained after submission of the bid. (n) Safety and Protection During Execution (i) All necessary precautions shall be taken to ensure the safety of children, students, staff, visitors, workers and other persons within or around the work area during execution of the renovation works. (ii) The work area shall be suitably barricaded, isolated and provided with appropriate warning/safety signage wherever required. (iii) No newly installed or renovated play equipment shall be made available for use until the relevant installation and associated works have been completed and the equipment has been inspected and found satisfactory for safe use. (iv) Adequate care shall be taken to protect existing structures, trees, landscaping, utilities, pathways, electrical installations, existing play equipment and other facilities within the IISc premises. (v) Any damage caused to existing facilities, structures, utilities or property during execution of the work shall be repaired or restored to the satisfaction of IISc at no additional cost to the Institute. (o) Delivery and Installation: (i) Delivery and installation must be completed within 30 days from the date of issue of purchase order. (ii) The supplier shall be responsible for the safe unloading, installation, and placement of items at the designated location within Vijnanapura campus. (iii) The contractor shall be responsible for any damage caused to existing buildings, pathways, utilities, landscape, equipment, or other Institute property during execution of the work. Such damage shall be rectified by the contractor at its own cost to the satisfaction of the Institute. (iv) In case of delay beyond the stipulated period, a penalty of 0.5% of the order value per week of delay, subject to a maximum of 10%, shall be levied. (p) Maintenance and Warranty Obligations (i) The maintenance and warranty obligations specified under the respective items in the Scope of Work shall form an integral part of the contract. (ii) The EPDM flooring shall be covered by a minimum three (3) year warranty and the newly supplied and installed play equipment shall be covered by a minimum four (4) year warranty, as specified in the Scope of Work. (iii) Annual maintenance of the EPDM flooring shall be provided for three (3) years and annual maintenance of the children's play equipment shall be provided for four (4) years, as specified in the Scope of Work. (iv) The successful bidder shall attend to defects, failures, damages or deficiencies covered under the applicable warranty/maintenance provisions within the period specified by IISc, without any additional cost to the Institute. (q) Completion, Inspection and Handover (i) IISc or its authorized representative shall have the right to inspect the materials, (ii) equipment and workmanship at any stage during execution of the work.
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	(iii) Inspection or approval of any material, equipment or stage of work by IISc shall not relieve the successful bidder of its responsibility for conformity with the specifications, quality requirements, safety requirements, warranty obligations and satisfactory completion of the work. (iv) Any defect, deficiency, damage or non-conformity identified during inspection or at the time of handover shall be rectified/replaced within the period specified by IISc, at no additional cost to the Institute. (v) The work shall be considered complete only after all items specified in the Scope of Work have been satisfactorily executed, all defects/deficiencies have been rectified, the site has been cleaned, and the Children's Park has been made fully functional and safe for use. (vi) At the time of handover, applicable warranty certificates, product literature, maintenance instructions and other relevant documents relating to the supplied play equipment and EPDM flooring shall be provided to IISc. (r) Variation in Quantities (i) IISc reserves the right to increase or decrease the quantity of individual items and/or services specified in the tender, either at the time of award or during the contract period, based on the actual requirements of the Institute and subject to applicable procurement rules. (ii) The successful bidder shall execute the increased or decreased quantities at the same approved rates, terms and conditions of the tender, subject to the applicable provisions of the tender/contract and Government procurement rules. (iii) No claim for compensation, escalation, revision of rates or any other additional payment shall be entertained solely on account of such variation in quantities, except where specifically permitted under applicable procurement rules and contract conditions. (s) Protection of Existing Facilities (i) Adequate care shall be taken to protect existing structures, trees, landscaping, utilities, pathways, electrical installations, existing play equipment, benches and other facilities within the premises during execution of the work. (ii) Any damage caused to existing property, facilities or installations due to execution of the work shall be repaired or restored to the satisfaction of IISc at no additional cost to the Institute. (t) No Additional Claim for Incidental Works (i) The quoted rates shall be deemed to include all materials, labour, tools, tackles, machinery, transportation, loading, unloading, installation, dismantling, foundations, civil works, surface preparation, finishing, testing, cleaning, disposal of waste, maintenance, applicable taxes, duties, levies and all other incidental expenses necessary for complete and satisfactory execution of the work. (ii) No additional payment shall be admissible for any work, material, activity or service that is reasonably incidental and necessary for proper completion of the specified Scope of Work, even if such activity is not separately measured or listed as an individual item. (iii) The work shall be completed in accordance with the specifications and requirements of the tender and to the satisfaction of the authorized representative of IISc.
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(u) Bidder financial standing:

The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

(v) Availability of Service Centre:

(i) The bidder shall have a **functional service centre in Bengaluru** for providing warranty and after-sales service.

(ii) In case the bidder does not have a functional service centre in Bengaluru at the time of bidding, the successful bidder shall establish and operationalize a functional service centre in Bengaluru **within 30 days from the date of award of the contract**.

(iii) In such cases, payment shall be released only upon submission of satisfactory documentary evidence establishing the availability and functionality of the service centre in Bengaluru.

(w) Compliance with Instructions of IISc

(i) The work shall be executed in accordance with the tender specifications, approved samples, approved drawings/details, applicable standards and instructions issued by the authorized representative of IISc from time to time.

(ii) Any clarification or discrepancy relating to the Scope of Work, specifications, quantities or site conditions shall be brought to the notice of IISc before execution of the concerned work.

(iii) No deviation from the approved specifications, materials, equipment, colours, designs or finishes shall be made without prior approval of the competent authority of IISc.

(x) Final Cleaning and Site Handover

(i) Upon completion of all works, the entire site shall be thoroughly cleaned, and all construction debris, dismantled materials, packaging, surplus materials, excavated earth and other waste shall be removed from the premises.

(ii) All play equipment, EPDM flooring, natural grass areas, benches and other completed works shall be left in a clean, safe, functional and aesthetically satisfactory condition.

(iii) The Children's Play Area shall be handed over to IISc only after satisfactory completion of the works and completion of the required safety inspection.

(iv) A brief demonstration regarding safe use of the play equipment and basic maintenance requirements shall be provided to the concerned IISc authority at the time of handover.

(y) Performance Bank Guarantee (ePBG): The successful bidder shall furnish an **Electronic Performance Bank Guarantee (ePBG) equivalent to 5% of the total contract value** within the stipulated period from the date of issue of the Work Order/Letter of Award. The ePBG shall remain valid for the entire contract period of 50 months.

(z) Place of Delivery and Installation

The delivery, installation, commissioning, and execution of the works covered under this Tender shall be carried out at the following address:

IISc Quarters
Vijnanapura Campus

	ISRO Road, Near New BEL Road Jaladarshini Layout, Bengaluru – 560094. (aa) Force Majeure: (i) If, at any time during the continuance of the Contract, the performance in whole or in part of any obligation by either party is prevented or delayed due to events such as war, hostilities, acts of public enemy, epidemics, civil commotion, sabotage, fire, floods, explosion, quarantine restrictions, strikes, lockouts, or acts of God (excluding negligence, wrongdoing, or predictable/seasonal rain), then neither party shall be held liable for such non-performance or delay, provided that the affected party gives notice of the occurrence of such event, duly supported with documentary evidence, to the other party within 30 (thirty) days from the date of occurrence of such event. (ii) In such circumstances: (A) Neither party shall be entitled to terminate the Contract solely on account of such event. (B) Neither party shall have any claim for damages against the other for such non-performance or delay. (C) Performance of obligations under the Contract shall be resumed as soon as practicable after the cessation of the Force Majeure event. (iii) The decision of the Buyer regarding the resumption of deliveries shall be final and binding. If the Force Majeure event continues for a period exceeding 120 (One hundred and twenty) days, either party may, at its option, terminate the Contract. In such an event, the Buyer shall have the right to take over, at a price determined by the Buyer (which shall be final), all unused, undamaged, and accepted materials, bought-out components, and goods under manufacture in the possession of the Seller at the time of termination, or such portion thereof as deemed appropriate. However, the Seller may retain such materials, components, or goods with the concurrence of the Buyer. (ab) Payment Terms: (i) Payment shall be made within 30 days of successful delivery, installation, and inspection of all items as per the approved sample and specifications. (ii) Request for partial or advance payments will not be accepted. (ac) Termination Clause: IISc reserves the right to cancel the order if the supplier fails to deliver the approved quality, violates specifications, or delays supply beyond permissible limits. (ad) Jurisdiction: All disputes arising out of this contract will be subject to the jurisdiction of courts located in Bangalore.
5	Mode of Furnishing the Proposal
	Interested bidders are required to submit their Bids under a Two-Bid System, comprising two separate sealed envelopes:

(a) Cover ‘A’ – Technical Bid

(b) Cover ‘B’ – Financial Bid

Both envelopes shall be placed inside a larger sealed envelope, clearly superscribed as:

“Submission of Bid for Redevelopment of Children’s Play Area at Vijnanapura Campus, Indian Institute of Science (IISc), Bengaluru.”

(a) Cover ‘A’ – Technical Bid

The Technical Bid shall include the following documents:

SE R	Document	Details
1	Registration Certificate	Valid registration certificate/incorporation certificate of the firm/company, as applicable.
2	PAN Card	Copy of the bidder’s PAN Card.
3	GST Registration Certificate	Copy of valid GST Registration Certificate.
4	Experience / Testimonials	Documentary evidence of successfully completed similar works, such as work orders, purchase orders, agreements, completion certificates, client certificates, etc.
5	Technical Capability	Details/documents establishing the bidder’s capability to undertake supply and installation of children’s play equipment, laying of natural grass, installation of EPDM flooring, repair and maintenance of existing play equipment, and associated civil/allied works.
6	Supporting Documents	All relevant duly signed documents substantiating compliance with the Technical Specifications, Eligibility Criteria, Scope of Work, and General Terms and Conditions specified in the Tender Document.
7	Technical Proposal / Methodology	Details of the proposed methodology, work plan, materials, equipment, manpower, safety measures, and proposed execution schedule, wherever specified in the Tender Document.
8	Undertakings / Declarations	All prescribed undertakings, declarations, certificates, and other documents required under the Tender Document.

Note: Failure to submit any of the mandatory documents specified above or failure to meet the prescribed eligibility criteria shall result in technical disqualification, and such bids shall not be considered for opening/evaluation of the Financial Bid.

Note: The Detailed Technical Specifications for the Redevelopment of Children’s Play Area at Vijnanapura Campus, IISc Bengaluru, are provided at Annexure-III. Bidders are required to carefully examine the specifications and submit their bids in accordance with the requirements specified therein. The bidder shall submit a duly signed and stamped copy of the Technical Specifications along with the Technical Bid as confirmation of having understood and accepted the same.

(b) Cover ‘B’ – Financial Bid

The Financial Bid shall be submitted strictly in the prescribed format provided in the Tender Document (**Annexure-III/BoQ**).

The bidder shall quote the complete cost for execution of the entire scope of work, including supply, transportation, installation, commissioning, labour, tools and equipment, materials, site preparation, civil and allied works, EPDM flooring, natural grass, repair and maintenance of existing play equipment, and all other incidental works required for satisfactory completion of the work, as specified in the Tender Document.

The bidder shall ensure that the Financial Bid is complete in all respects and is submitted strictly in the prescribed format. Any deviation from the prescribed Financial Bid/BoQ format may render the bid liable for rejection.

(c) Submission Guidelines

(i) The Financial Bid/BoQ shall be prepared with due consideration of the Detailed Technical Specifications provided at Annexure-III. The quoted rates shall be inclusive of all materials, labour, transportation, installation, commissioning, tools, equipment, taxes, duties, and all other costs necessary for satisfactory completion of the work in accordance with the prescribed specifications.

(ii) The contract shall be awarded to the lowest evaluated responsive bidder (L1), subject to fulfilment of all eligibility, technical, and other requirements specified in the Tender Document.

(iii) Interested bidders are encouraged to visit the Vijnanapura Campus, IISc, Bengaluru, and inspect the existing children’s play area and site conditions before submitting their bids. The bidder shall be deemed to have familiarized itself with the site conditions, access, existing equipment, ground conditions, and other factors that may affect execution of the work.

(iv) Bids shall be submitted on or before [Date] at the following address:

**Assistant Registrar
Campus Support Services
New Administrative Building
Indian Institute of Science
C. V. Raman Road
Bengaluru – 560012**

(v) Important Notes:

(A) If Cover 'B' (Financial Bid) is found exposed, unsealed, or included along with the Technical Bid, the bid shall be summarily rejected.

(B) The bid shall be complete in all respects. Incomplete bids or bids not accompanied by the required documents shall be liable for rejection.

(C) The offer shall remain valid for a period of 90 days from the date of opening of the Financial Bid, unless otherwise specified in the Tender Document.

(D) The bidder shall be responsible for ensuring that all documents submitted as part of the Technical Bid are duly signed and stamped by the authorized signatory wherever required.

(E) Any financial information, price quotation, or commercial offer found in the Technical Bid shall render the bid liable for rejection.

(d) Additional Information

For any clarification regarding the tender, bidders may contact:

Phone: 080-2293 2370

Email: office.css@iisc.ac.in

Important Notes:

(i) If Cover 'B' (Commercial Bid) is found exposed or unsealed, the bid shall be summarily rejected.

(ii) The proposal must be complete in all respects. Incomplete submissions shall not be considered.

(iii) The offer shall remain valid for **90 days** from the date of opening of the Commercial Bid.

(e) Evaluation Process

The Institute shall evaluate the Technical Bids without accessing the Commercial Bids. Only those bidders who are found technically qualified shall be eligible for opening of the Commercial Bids. The date and time for opening of the Commercial Bids shall be intimated to the technically qualified bidders at a later stage.

(f) Final Selection Criteria

(i) The final selection shall be based on the **lowest evaluated total price** quoted by the technically qualified bidder for the complete scope of renovation of the Children's Park.

(ii) The total quoted amount shall be evaluated based on the rates quoted against all items in the Schedule of Quantities/BOQ.

(iii) The bidder quoting the **lowest evaluated total price (L1)**, subject to fulfilment of all technical, commercial, and tender conditions, shall be considered for award of the work.

(iv) In case of any discrepancy between the unit rate and the total amount, the method of correction specified in the tender conditions shall be followed.

(v) The Institute reserves the right to accept or reject any or all bids, in whole or in part, without assigning any reason, as per the applicable tender conditions.

6	Disclaimer
	(a) Right to Accept or Reject Bids The Indian Institute of Science (IISc) reserves the right to accept or reject any or all bids, either wholly or partially, without assigning any reason whatsoever. IISc shall not be obliged to provide any explanation or enter any correspondence with bidders regarding the outcome of the tender process. (b) Amendments to the Tender Document IISc reserves the right to amend, modify, supplement, withdraw, or cancel any part of the tender document at any stage through the issuance of addenda or corrigenda, without incurring any liability or obligation and without assigning any reason. The tender document shall not be construed as an offer or a legally binding commitment on the part of IISc. (c) Ownership of Documents All documents, information, and materials submitted by the bidders in response to this tender shall become the property of IISc. The Institute shall not be liable to return any bid documents, supporting materials, or other information submitted by the bidders. (d) No Contractual Obligation Submission of a bid shall not create any contractual obligation, either express or implied, between the bidder and IISc until a formal agreement is executed by both parties. (e) Costs Borne by Bidders All costs and expenses incurred in connection with the preparation, submission, clarification, presentation, negotiation, or processing of the bid shall be borne solely by the bidder. IISc shall not be responsible or liable for any such costs, irrespective of the outcome of the tender process.

Annexure I

CERTIFICATE OF SITE VISIT

This is to certify that I/We, _____ (Name of the bidder/firm), have visited and inspected the site located at Vijnanapura Campus, IISc Bangalore on _____ in connection with the tender for _____.

I/We have carefully examined and understood the site conditions, scope of work, access to the site, and all other factors that may affect the execution of the work.

I/We hereby confirm that we have taken into account all site conditions while submitting our bid and no claim shall be made at a later stage on account of any lack of information.

Signature of Bidder: _____

Name: _____

Designation: _____

Date: _____

Seal of Firm: _____

Certified by:

Authorized Representative of the Institute

Signature: _____

Name: _____

Designation: _____

ANNEXURE – II

FORMAT FOR SUBMISSION OF BID

FORMAT FOR SUBMISSION OF BID

Ser.	Particulars	Information Furnished
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1	Name of the Bidder/Firm	
2	Registered Address of the Bidder/Firm	
3	Correspondence Address	
4	Telephone No., Mobile No., E-mail ID, Website (if any)	
5	Name of Proprietor/Partner(s)/Authorized Signatory	
6	Nature of Business	
7	Month and Year of Establishment	
8	Name of the Work Proposed	Redevelopment of Children's Play Area at Vijnanapura Campus, IISc Bengaluru
9	Number of Years of Experience in Development/Redevelopment of Children's Play Areas/Playgrounds/Recreational Facilities	
10	Number of Years of Experience in Supply and Installation of Children's Play Equipment	
11	Number of Years of Experience in Installation of EPDM/Safety Flooring and Laying of Natural Grass	
12	Details of Similar Works Successfully Completed in Bengaluru During the Last Three (03) Years	
13	Details of Similar Works Executed for Government Organizations, Educational Institutions, Research Institutions, PSUs, Corporate Organizations, Residential Campuses, reputed private organizations/builders etc.	

14	Details of EPDM/Safety Flooring Works Executed	
15	Annual Turnover during FY 2023-24	
16	Annual Turnover during FY 2024-25	
17	Annual Turnover during FY 2025-26	
18	PAN Number	
19	GST Registration Number	
20	Registration/Enlistment Certificate, if applicable	
21	Whether the Bidder has been Blacklisted/Debarred by any Organization? (Yes/No). If No, attach Self-Declaration.	
22	Any Litigation Pending Against the Bidder? (Yes/No). If yes, provide details.	
23	Any additional information relevant to the proposed work	

Note: Furnish the details wherever applicable. Documentary evidence shall be enclosed in support of the information furnished above.

ANNEXURE III

BoQ for the Redevelopment of Children's Play Area at Vijnanapura Campus, IISc Bangalore

Ser. No.	Equipment	Quantity	Unit	Specification	Image
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1	EPDM Flooring cum Installation	Approx. 1900	Sq. ft	Total thickness shall be 25 mm, comprising 17 mm SBR rubber base layer and 8 mm EPDM coloured granule top layer. The top layer shall be made of 1–3 mm size EPDM coloured granules bound with polyurethane binder to provide a seamless, uniform surface. The flooring shall possess adequate shock absorption properties conforming to applicable playground fall protection standards. Finish: Surface shall be UV stabilized, anti-skid, weather resistant, and colourfast, suitable for outdoor playground use. EPDM Flooring Installation: Excavation up to 7 inches below existing ground level, levelling and grading to required slope, laying 3-inch thick WMM sub-base with watering and compaction, followed by 3-inch thick PCC with proper slope, compaction, finishing, and curing, and final surface preparation to achieve an even, smooth base ready for EPDM flooring installation.	
2	Pull-up Bar	1	No.	Structure shall have an overall height of approximately 2100 mm above finished ground level, with a frame width of 900–1050 mm and a depth of approximately 600 mm (2 feet) including base supports. The pull-up bar shall be fixed at a clear height of 7 feet, and the side ladder shall have a height of 4–4.5 feet. Framework shall be made of GI/MS pipes. Vertical posts shall be of 80 mm outer diameter with 2.5–3 mm thickness. The pull-up bar shall be made of 32–38 mm diameter solid MS rod or heavy-duty pipe, with proper side reinforcement. The side ladder shall have rungs made of 25–32 mm diameter MS pipes	

				spaced at 200–250 mm c/c. The base support frame shall be made of 40–50 mm OD pipes with 2–2.5 mm thickness. Finish: All MS parts shall be treated with anti-rust primer and powder coating suitable for outdoor use, with smooth edges and proper finishing for child safety.	
3	Double Swing	2	No.	Overall triangular frame size shall be approximately 3000 mm (L) × 2200 mm (H) × 2000 mm (W). Main support structure shall be fabricated using 90 mm OD GI pipes with a minimum wall thickness of 3 mm. Top cross beam shall be made of 100 mm OD GI pipe to ensure adequate strength and higher load-carrying capacity. Swing shall be provided with two anti-skid rubber seats, complete with suitable suspension arrangement and connectors for safe operation. Finish: Frame shall be finished with hot-dip galvanizing and/or powder coating for corrosion resistance and durability under outdoor conditions. The swing seats shall be made of anti-skid rubber suitable for children's use.	
4	HDPE Spring Rider	2	No.	One Duck and one Zebra spring seat, each having overall size approximately 900 mm (L) × 450 mm (W) × 800 mm (H). Body shall be manufactured from 12–15 mm thick HDPE panels moulded structure of suitable strength and durability. The spring seat shall be mounted on a high-tensile steel spring having 20–22 mm coil diameter, complete with base plate fixing arrangement for firm anchoring.	

				Finish: UV-resistant coloured finish / self-coloured HDPE body with powder-coated steel components suitable for outdoor use.	
5	Double See-Saw	1	No.	Overall size shall be approximately 3000 mm (L) × 600 mm (W) × 900 mm (H). Main beam shall be fabricated from 100 mm × 50 mm MS rectangular pipe with minimum 3 mm wall thickness. Central pivot arrangement shall consist of a heavy-duty steel shaft mounted on a ball bearing assembly for smooth and durable operation. Seats shall be made of HDPE and provided with safety handles for secure grip during use. Suitable stoppers/buffers shall be provided to reduce impact at extreme positions. Finish: All MS components shall be treated with anti-rust primer and finished with powder coating. Seats and handles shall be weather-resistant and suitable for outdoor children's play area use.	

6	LLDPE or equivalent Spiral Slide	1	No.	Spiral slide suitable for children's play area, with a platform height of approximately 1500 mm to 1800 mm and an overall slide length of approximately 3000 mm. Slide body shall be manufactured from LLDPE or equivalent with a minimum thickness of 4–5 mm and having a smooth surface finish. Supporting frame shall be fabricated from 60 mm outer diameter GI pipes having a minimum wall thickness of 2.5 mm. Finish: Slide surface shall have a UV-stabilized gel coat finish for weather resistance and colour durability. The steel support frame shall be provided with an anti-rust powder-coated finish.	
7	LLDPE or equivalent Straight Slide	1	No.	Platform height approximately 2400 mm, with slide length approximately 2500 mm. The slide body shall be manufactured from LLDPE or equivalent of minimum 4 mm thickness. The ladder shall be fabricated from 32–40 mm dia GI pipe and provided with anti-skid steps for safe access. Finish: The slide surface shall have a UV-stabilized gel coat finish. The ladder frame shall be finished with powder-coated steel.	

8	LLDPE or equivalent Straight Slide for Multistation	1	No.	Straight slide of approximate length 2000–2500 mm or as per the approved design, manufactured from LLDPE or equivalent with minimum 4 mm thickness. The ladder shall be made of 32–40 mm GI pipe and provided with anti-skid steps for safe use. Finish: Slide surface shall have a UV-stabilized gel coat finish, and the steel ladder frame shall be finished with powder coating.	
9	LLDPE or equivalent Spiral Slide for Multistation	1	No.	Spiral slide of approximate length 3000 mm, with the slide body manufactured from LLDPE or equivalent of minimum 4–5 mm thickness. The support frame shall be made of 60 mm outer diameter GI pipes with 2.5 mm wall thickness. Finish: Slide shall have a UV-stabilized gel coat finish, and the steel support frame shall be finished with anti-rust powder coating.	
10	Adventure Climber	1	No.	The play structure shall have overall dimensions of approximately 2500 mm height, 5500 mm width, and 4500 mm length, with the slide deck/platform height ranging from 1200 mm to 1400 mm. The structural framework shall be fabricated from mild steel (MS) pipes. The main arches shall be made of 76 mm (3") diameter MS pipes with a wall thickness of 2.5 mm to 3 mm, while the secondary members shall be made of 32 mm to 50 mm diameter MS pipes with a wall thickness of 2 mm to 2.5 mm. All steel components shall be treated with anti-rust zinc	

			primer and finished with UV-resistant powder coating having a coating thickness of 80–100 microns. The play structure shall include the following play elements: 1. Monkey Bar / Overhead Ladder: Made of 32 mm diameter MS pipes, with rung spacing of 300 mm to 350 mm and installed at a height of 2100 mm to 2300 mm. 2. Spiral Climber: Fabricated from 16 mm to 20 mm diameter MS solid rod, formed into a smooth curved spiral design suitable for safe climbing. 3. Stepping Pods / Balance Walk: Made of LLDPE or equivalent molded material, each pod having a diameter of 250 mm to 300 mm, securely mounted on MS supports. 4. Horizontal Ladder / Side Climbers: Fabricated using 25 mm to 32 mm diameter MS pipes and provided with an anti-skid design for safe usage. 5. Straight Slide: The slide shall be of straight type, manufactured from LLDPE (rotomolded) or FRP. It shall have a length of 2200 mm to 2500 mm, width of 450 mm to 600 mm, and side wall height of 100 mm to 150 mm. The entry platform height shall be 1200 mm to 1400 mm. All materials, fabrication, finishing, and installation shall be of good quality, with smooth edges and safe finishes suitable for outdoor playground use.	
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11	Multi-Play Station Weather Canopy	2	No.	Frame fabricated using 40–50 mm OD GI pipes with minimum 2 mm wall thickness. Canopy cover made of UV-stabilized PVC-coated polyester fabric of minimum 650 GSM. Finish: Powder-coated steel support structure with weather-resistant canopy fabric finish.	
12	Painting and Greasing of Play Area Equipments	To be measured	Sq. ft	Surface cleaning and preparation of all metal components and concrete benches, including removal of rust, scale, dust, grease, and other foreign matter, followed by application of suitable primer. One coat of anti-corrosive metal primer and two coats of outdoor-grade enamel / PU paint shall be applied. The total dry film thickness of the paint system shall be minimum 80–100 microns to ensure adequate weather resistance and protection against corrosion. Paint used shall be lead-free, non-toxic, and safe for use in children's playground equipment.	Not Applicable to be assessed by the vendor at the time mandatory site visit

13	Natural grass cum installation for play area	Approx. 2422	Sq. ft	Providing and laying natural grass/turf, including site clearance by removal of stones, debris, weeds and other unwanted materials; excavation up to 3 inches depth from existing ground level; levelling and grading to required slope for proper drainage; soil preparation with suitable topsoil and manure as required; laying of natural grass/turf to achieve uniform and healthy coverage; and initial watering, rolling and finishing, complete with all materials, labour, tools, equipment, and disposal of surplus/unwanted materials.	
14	Civil Works for EPDM Flooring	Approx. 4322	Sq. ft	Dismantling and Site Preparation: Dismantling and removal of existing unsafe play equipment, excluding the multi-station unit and merry-go-round (to be retained unless otherwise directed), including segregation, shifting of selected items, and disposal of scrap to locations as instructed by IISc, including designated scrap yards. The work includes site clearance, excavation, levelling, and grading for EPDM flooring and natural grass areas, and disposal of surplus excavated material. Civil works for EPDM base preparation: Preparation of subgrade to required line, level, and slope for proper drainage, including providing and laying Wet Mix Macadam (WMM) sub-base and Plain Cement Concrete (PCC) base of required thickness, with spreading, compaction, finishing, and curing, ensuring a smooth, level surface suitable for EPDM flooring.	Not Applicable to be assessed by the vendor at the time mandatory site visit