

[Validate](#)[Print](#)[Help](#)[Item Rate BoQ](#)Tender Inviting Authority: **Dean (Admin)**Name of Work: **Construction of playgrounds including vollyball court, badminton court and cricket pitch at Institute for Plasma Research Campus, Bhat, Gandhinagar. (IPR)-382428**Contract No: **IPR/TN/CIVIL/02/2022**

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|--|---|-------------------------|-----------------|---------------|---|--|------------------------------|
| Name of the Bidder/ Bidding Firm / Company : | | | | | | | |
| <p>PRICE SCHEDULE (DOMESTIC TENDERS - RATES ARE TO GIVEN IN RUPEES (INR) ONLY)</p> <p>(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)</p> <p>"Note:-</p> <p>1. For detailed Specification, Contractor has to refer and follow Specifications Volume-I and Volume-II, 2019, CPWD (Central public works department) available on online CPWD portal (https://cpwd.gov.in/Documents/cpwd_publication.aspx) including material, workmanship, equipment's, IS code etc.</p> <p>2. All the items are including scaffolding, curing, for all leads and lifts etc.</p> <p>3. In case of non-availability of detailed specification in CPWD 2019, Specification of the same shall be executed as per clauses mentioned in GCC and / or as directed by Engineer-In-Charge, whose decision shall be final. No extra shall be payable for execution of items as mentioned in Schedule of Quantities as a result of adopting detailed specification or India Standard of relevant or Other Standards thereon.</p> <p>4. All respective items should be as per the approved make / brands / list attached in Tender document"</p> | | | | | | | |
| NUMBER # | TEXT # | TEXT # | NUMBER # | TEXT # | NUMBER # | NUMBER # | TEXT # |
| Sl. No. | Item Description | Item Code / Make | Quantity | Units | RATE In Figures To be entered by the Bidder in Rs. P including GST & all taxes | TOTAL AMOUNT Including GST & all Taxes in Rs. P | TOTAL AMOUNT In Words |
| 1 | 2 | 3 | 4 | 5 | 7 | 14 | 15 |
| 1 | Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. | item1 | 115.00 | Cum | | 0.00 | INR Zero Only |
| 2 | Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. | item2 | 75.00 | Cum | | 0.00 | INR Zero Only |
| 3 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources) | item3 | 45.00 | Cum | | 0.00 | INR Zero Only |

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| 4 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40 mm nominal size derived from natural sources) | item4 | 3.50 | Cum | | 0.00 | INR Zero Only |
| 5 | Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) | item5 | 50.00 | Cum | | 0.00 | INR Zero Only |
| 6 | Providing & laying in position Tre-Mix Reinforced Cement Concrete at all lead and level up to and below highest plinth level in volumetric proportion 1:1.5:3 (1 cement :1.5 coarse sand : 3 Graded stone aggregate) for flooring, grade slab, Cricket Pitch, in any shape as per structural design using 20 mm maximum size aggregates obtained from approved quarry including, all lift and lead as specified including machine mixing placing, compacting, vibrating, finishing the top surface to the required line level/ slope, immediate finish of concrete etc., making key with the existing wall, column etc. complete as directed by Engineer-in-charge, including the cost of all as stated but excluding centering / shuttering and reinforcement. i) In vacuum dewatering concrete NOTE 1. The RCC road concrete shall be leveled by using surface / skid vibrator. 2. The work includes removing excess water by using vacuum dewatering equipment's including spreading matt over the fresh concrete. 3. Applying power trowelling equipment to get required finish as per the direction of EIC. 3. Cost for vacuum dewatering will be paid separately by an item below. Concrete shall be laid in panels as per the direction of EIC. | item6 | 4.50 | Cum | | 0.00 | INR Zero Only |
| 7 | Extra for Vacuum Dewatering from concrete for 75mm to 150mm thickness flooring including hire charges for equipment, vibrating the concrete, finishing the concrete with machine trowel, finishing the surface neatly all as per specification. The rate includes all the labour and materials involved for the work. | item7 | 40.00 | Sqm | | 0.00 | INR Zero Only |
| 8 | Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. - Made of G.I. wire of dia 4 mm | item8 | 45.00 | Sqm | | 0.00 | INR Zero Only |
| 9 | Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. - Hot finished welded type tubes | item9 | 470.00 | Kg | | 0.00 | INR Zero Only |
| 10 | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work | item10 | 70.00 | Sqm | | 0.00 | INR Zero Only |

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| 11 | <p>Providing and laying PP (polypropylene) Interlocking sports outdoor flooring for Volleyball and Badminton court of make of Fitflex/ KeepFit/ Thermo blow Engineers/ Bajinath Landscape/Ebaco or other approved make by EIC . Tensile yield strength (ASTM D 638) :3200psi, weight 3.5 kg per Sqm, Size- 304.8 mm * 304.8 mm with Minimum thickness of 15 mm ,Floor surface Friction dry 0.65, wet 0.64 (ASTM C 1028),UV Resistant Tiles, suitable for all types of weather, Life about 10 years and 5 Years warranty against Manufacturing Issues Tolerance level of 5 % in the values is acceptable. Cost includes with necessary installation, curbing, Marking by aproved PU paint for side clearance, service area etc and Staple Shocked Locks Minimum with Fastener System for Fixation laying, aligning, cutting in required size and pattern. Material should be with International Tennis Federation certification. different colors as directed by EIC. complete all as per specifications. Payment shall be made only for actual flooring done at site as per standard measurement (Area) only.wastage shall not be paid.</p> | item11 | 400.00 | Sqm | | 0.00 | INR Zero Only |
| 12 | <p>Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. - Thermo-Mechanically Treated bars of grade Fe-500D or more.</p> | item12 | 1380.00 | Kg | | 0.00 | INR Zero Only |
| 13 | <p>Making Construction joints during laying of RCC work and filling with Polysulphide Sealant of approved brand. Joints to be formed at every 3m distance by grooving with mechanical saw within 48 hrs. Groove/sawed joints shall be made of 6 mm width and 25 mm depth min and shall be filled with ready to use Polysulphide Sealant of approved brand. The sawing operation should be carried out as soon as concrete is ready to accept the saw cut. The joint should be formed in 3.00 x 3.00 Mt. (Approximately) size. Complete all as per directed by EIC.</p> | item13 | 320.00 | Rmt | | 0.00 | INR Zero Only |
| 14 | <p>Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. - All kinds of soil</p> | item14 | 170.00 | Sqm | | 0.00 | INR Zero Only |
| 15 | <p>Centering and shuttering including strutting, propping etc. and removal of form for - Lintels, beams, plinth beams, girders, bressumers and cantilevers</p> | item15 | 63.50 | Sqm | | 0.00 | INR Zero Only |
| 16 | <p>Providing and laying 230mm to 300mm thick (consolidated thickness) black trap rough stone soling using 0.80cum of 230mm stones and 0.25cum of 40mm to 80mm black trap stones and 0.20cum of approved graded gravel per one cum of consolidated soling including hand packing in regular lines, filling interstices, watering, consolidating with power roller including water charges, hire charges for road roller, etc.; complete all as per specifications. (Consolidated thickness shall be measured for payment)</p> | item16 | 10.00 | Cum | | 0.00 | INR Zero Only |
| 17 | <p>Providing and laying Hard stone of size 250 x 250 mm x 50 mm thick to be grouted inside cement concrete flooring etc. Complete at all leads, lifts and height etc. as directed by Engineer-in-charge.</p> | item17 | 1.00 | No | | 0.00 | INR Zero Only |
| Total in Figures | | | | | | 0.00 | INR Zero Only |
| Quoted Rate in Words | | INR Zero Only | | | | | |