

RAMANUJAN COLLEGE

(University of Delhi)

Kalkaji, New Delhi-19

Ph. No. 011-26430192, Fax No. 26421826

www.rcdu.in

Ref. No. RC/2018-19/11/1164

20th November, 2018

TENDER NOTICE

Principal, Ramanujan College invites sealed tender from reputed, technically sound and eligible Porta Cabin manufacturer/contractor in competitive bidding system.

Name of Work :

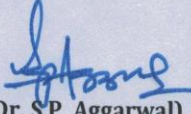
Construction of Plinth Platform only for Proposed Porta Cabin for Gymnasium and Sports Room

Estimated Cost - Rs. 4.50 lakhs

Time of Completion - 30 days

Tender document along with terms and conditions may be obtained from the office of the undersigned on cash payment (non-refundable) of Rs. 1000/- for the above mentioned work from **21.11.2018 to 30.11.2018** on all working days between 9.30 a.m. to 4.00 p.m. Prescribed tender document containing Term & Conditions can also be downloaded from the College website- www.rcdu.in and in case of download, a Bank Draft of Rs. 1000/- in favour of Principal, Ramanujan College must be enclosed with tender documents at the time of submission.

Sealed tender will be accepted by the office of the undersigned. **Last date of submission of tender is 01.12.2018 upto 1.00 p.m.** The tenderer should technically qualified and have an experience of executing similar work during the last two year. The college authority reserves the right to reject any/all tenders without assigning any reason thereof.


(Dr. S.P. Aggarwal)

Principal

Principal

Ramanujan College

(University of Delhi)

(Kalkaji, New Delhi-110019)

**RAMANUJAN COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI – 110019**

TENDER DOCUMENT

NAME OF WORK : -

**Construction of Plinth Platform only for Proposed Porta Cabin for Gymnasium and
Sports Room**

LEAD CONSULTANTS :-

**ARCHITECTS CONSORTIUM
ARCHITECTS , URBAN PLANNERS ,
LANDSCAPE & INTERIOR DESIGNERS CONSULTANTS
E-49, PANCHSHEEL PARK, NEW DELHI - 110 017
PHONE : 41753369 / 26491339**

**Ph No. – 26430192, 26421826
Email – ramanujancollege2010@gmail.com
www.ramanujancollege.ac.in**

**RAMANUJAN COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI-110 019**

INVITATION TO TENDER

NAME OF WORKS	Construction of Plinth Platform only for Proposed Porta Cabin for Gymnasium and Sports Room
1. COST OF TENDER	Rs. 1,000/- (Cash)
2. DATE OF SUBMISSION OF TENDER	On or before 01.12.2018 till 1.00 p.m.
3. TENDER OFFER VALID FOR	45 days from opening of tender
4. ESTIMATED COST OF WORK	Rupees Four Lakhs Fifty Thousand (4,50,000/-) (Excluding GST)
5. SIGNING OF AGREEMENT	Within 7 days of issue of Work Order.
6. QUOTATION BASED ON	Sq. meter / Sq. ft rate for the works mentioned In the tender.
7. TOTAL TENDER AMOUNT	As per financial bid.
8. DATE OF COMMENCEMENT	Within 7 days from the award of contract.
9. PERIOD OF COMPLETION	30 days.
10. LIQUIDATED DAMAGES BEYOND SCHEDULE DATE OF COMPLETION	Rupees two thousand per day to the maximum of 10% of Contract Amount.
11. PERIOD OF FINAL MEASUREMENT	Within one month after completion of work and submission of bill alongwith measurements by the contractor.
12. EARNEST MONEY	Rs. 10,000 /- (Rupees Ten Thousand)
13. INTERIM PAYMENT	Rs. 2,00,000/- (Rupees Two Lakhs)
14. RETENTION AMOUNT	5% of the value of work done + EMD
15. INCOME TAX DEDUCTION	As per prevailing rates from each Bill
16. TAX DEDUCTED AT SOURCE (TDS)	Deducted and deposited by College
17. LABOUR CESS	Deducted and deposited by College
18. DEFECTS LIABILITY PERIOD	One year after date of completion
19. HONOURING CERTIFICATE PERIOD	Ten days after Consultant Architect's Certificate Issued for payment.
20. SPECIFICATIONS	CPWD Specifications (Latest with upto date Correction slips) shall be followed.

**NOTICE OF TENDER
RAMANUJAN COLLEGE**

Name of the work: Construction of Plinth Platform only for Proposed Porta Cabin for Gymnasium and Sports Room.

List of documents, Specification, conditions of contract etc. Bill of Quantities price bid to be submitted in envelope duly sealed and delivered in the office of Principal Ramanujan College, Kalkaji, New Delhi - 110019.

The following documents shall be submitted, Bid received without any of the following documents shall be rejected.

1. Demand Draft towards earnest money. (Rupees 10,000/-) in favour of Principal , Ramanujan College – Kalkaji, New Delhi-110019.
2. Submit certificates of satisfactorily completing at least two similar jobs of superior quality work costing Rs. 4,50,000 /- (Rupees Four Lakhs Fifty Thousand) each in the preceding three years. The tenderer should give full name, address and telephone number of clients, so that the authenticity can be confirmed and work can be inspected to evaluate the quality and finish etc. of the works accomplished by the contractor.
3. The above documents and lists must be signed by the tenderers before submitting the tender. All documents shall be submitted in sealed covers mentioning the name of work, name and address of the contractor.
4. Sealed tender envelope contained draft of Earnest Money Deposit Draft (EMD)- Client's certificates of good performance and satisfactory completion of works within stipulated time frame If the completion is delayed, stating the reasons for it. Photo copy of the acknowledgement receipt of submission of Income Tax Returns for last 3 years, alongwith company financial accounts, TIN no. GST No., PAN no. of Directors, partnership deed in case of partnership firm etc.

The sealed tender envelope to be deposited in the office of Principal, Ramanujan College, Kalkaji, New Delhi on or before 1.00 P.M. on 01.12.2018.

5. Sealed tender envelope shall be opened on later stage. College will inform to the tenderer or their authorized representative about opening of tender document through phone or e-mail.
6. Tenderers whose competency will be as per norms or found technically sound as per norms, shall only be considered for award of work.

RAMANUJAN COLLEGE - KALKAJI, NEW DELHI-110 019

NOTICE INVITING TENDER

Construction of Plinth Platform only for Proposed Porta Cabin for Gymnasium and Sports Room

1. Sealed tenders are invited on item rate basis on behalf the Principal, Ramanujan College – Kalkaji, New Delhi- 110019, from contractors with adequate financial, technical and manpower resources for the following works,:

For Construction of Plinth Platform only for Proposed Porta Cabin for Gymnasium and Sports Room, the tenderers must satisfy themselves that they have adequate experience to handle this project within the stipulated time schedule. The tenderer should produce documentary proof of satisfactorily completing at least two jobs of similar nature at least costing of Rs. 4,50,000 /- (Rupees Four Lakhs Fifty Thousand) each in the last three preceding years.

The stipulated mentioned in invitation of tender.

2. The tender document containing terms and conditions can be obtained from the office of the Principal, Ramanujan College (formerly Deshbandhu College Evening), Kalkaji, New Delhi – 110019, during office hours. (9.30 AM to 4.00 PM) on all working days from 21.11.2018 to 30.11.2018 against a payment of Rs. 1,000/- by cash.
3. The tenderers are advised to inspect the site, examine the drawings and make all investigation regarding the extent of work, its scope and conditions under which the work is to be executed. No claim for any extra payment of any kind on account of lack of information about the site conditions or otherwise shall be entertained after the award of the Contract.
4. **THE RATES QUOTED SHALL BE INCLUSIVE OF THE FOLLOWING:**

The tenderers are requested to strictly observe the entire following procedure for submission of the duly filled in tender. The quantities are based on rough estimates and the Consultant Architect / employer reserves the rights to vary the same depending upon the contingencies. No claim of whatsoever nature will be entertained on this ground. The tenderer shall indicate the rates in the column provided for inserting the rates, to which he/she proposes to undertake the work described in the respective column. The rate shall include all items of material, fitting, and fixtures pertaining to civil, plumbing, sanitary, electrical works etc. The rates shall be include preparation of any shop drawing if required to obtain approvals and all other aspects of cost such as labour, materials, plants, equipment's, transportation. **The rates quoted shall be excluding GST.** All items shall conform to ISI approved makes as specified in the tender. On no ground will the tenderers be allowed to amend, enhance or reduce the rates after submission of the tender. The rate quoted shall correspond to the unit indicated in the schedule of the Quantities and Rates.

5. The complete tender document duly filled in as stated above shall be submitted in sealed envelope to the Office of the Principal, Ramanujan College – Kalkaji, New Delhi – 110 019 on or before 1.00 P.M. on 01.12.2018.
6. Tenders received later than the stipulated time and date shall not be considered.

7. General Conditions relating to Clauses of Contract.

1. Retention Money @ 5% of the billed amount to be deducted from each bill.
 2. 1% of the Contractor's billed amount shall be charged / deducted as water charge from the contractor's bill.
 3. Actual consumption of electricity shall be charged as per sub meter installed in case electricity is being used from the college electric connection.
 4. Deduction of all applicable taxes and labour cess, Tax Deducted at Source shall be deducted from the Contractor's bill and deposited by the college to appropriate agencies.
 5. The work shall be executed as per requirements of the Bill of Quantities, Technical Specifications and strictly as per attached drawings.
 6. The Rate quoted in BOQ shall include all fittings and fixtures to make the work completely operational regardless if details in BOQ are given or not. Nothing extra shall be payable.
 7. Final completion certificate shall be issued after the building and external works are complete as certified by the Engineer with all required connections for main Electric supply, drainage lines, sewerage connection, and water supply. The rates quoted for Porta cabins are inclusive of the cost of above lines and services nothing extra shall be payable for these lines and services.
8. The tender documents shall be signed by the authorized signatory. The tender documents shall not be amended, corrected, defaced, altered, except at the places where tenders are stipulated to do so. The tender set corrected or altered as stated above is liable to be rejected.
9. Within 7 days of the award of Contract by the Employer the successful tenderer shall be required to enter into a formal agreement. Failure on the part of the Contractor to do so shall make him liable to forfeit his claim to refund of the Earnest Money and under such the subject work through another agency.
10. The offer of the tenderer shall remain open upto 45 (forty five) days from the date of opening of the tender.
11. The Employer reserves the right to reject any or all of the tenders, either whole or in part without assigning any reasons.
12. Tenders submitted without a valid Earnest Money shall be disqualified.

Principal

Ramanujan College – Kalkaji
New Delhi – 110 019

LETTER OF ACCEPTANCE

**The Principal
RAMANUJAN COLLEGE
UNIVERSITY OF DELHI
KALKAJI, NEW DELHI – 110019.**

SUB: CONSTRUCTION OF PLINTH PLATFORM ONLY FOR PROPOSED PORTA CABIN FOR GYMNASIUM AND SPORTS ROOM AT RAMANUJAN COLLEGE, KALKAJI, NEW DELHI – 110 019

Dear Sir,

1. With reference to the tender invited by you for the work under reference, we hereby offer to perform, provide, execute, complete and maintain the work in conformity with the articles of Agreement, Specification, and Additional Specifications. Bills of Quantities as per directions of the Employer / Consultant from time to time for the Sum of amount submitted in the Bid as detailed in the Master Summary and at the respective rates in the Bills of Quantities within stipulated time frame from 7 days of award of the Contract.
2. We have satisfied ourselves as to the locations of the Site and Working Conditions, examined the drawings and specifications and have obtained all the information's necessary for the successful and timely completion of the work.
3. We have deposited the earnest money as stipulated in the invitation to tender with you which amount is not to bear any interest. We hereby, agree that shall stand forfeited in the event of your acceptance of our tender and failure on our part to commence the work within seven days from the date of the order. In addition the employer shall be at liberty to execute the work at our risk and cost as per the terms of the Contract.
4. We understand that you are not bound to accept the lowest tender or bound to assign any reason, for rejecting our tender.

Dated :

Signature of the Contractor

Seal

RAMANUJAN COLLEGE

ITEM RATE TENDER & CONTRACT FOR WORKS

GENERAL RULES & DIRECTIONS

1. In the event the tender being submitted by partnership firm, it must be signed other separately by each partner thereof or by a person holding power of attorney, authorizing him to do so; such power of attorney shall be submitted along with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act. In the case of Limited Company registered under Companies Act, 1956, it must be signed by person duly authorized by the Company and such authorization shall be furnished along with the tender.
2. The rates must be quoted in Rupees and paisa both in words and in figures.
3. The tenderer shall sign a declaration for maintaining confidentiality of tender documents, drawings or any other record connected with the work given to them. The unsuccessful tenderers shall return all tender documents given to them.
4. The unit rates quoted by the Contractor shall prevail in case of discrepancies if any.
5. The rates quoted in words will be considered to be correct and govern and not the rates shown in figures, in case of discrepancy between them.
6. If it is found that the tender is not submitted in the proper manner, or contains too many corrections or absurd rates or amount, it would be open for the Employer/Consultants to reject the same.
7. Any correction to rates and amounts written by tenderers shall be by clearly striking out of unwanted writing and initialling the desired writing. Repeated correction on an item shall invite disqualification of the tender.

CONDITIONS OF CONTRACT

1. EXTENT OF WORK:

The Contractor shall execute/complete the work strictly in accordance with the relevant drawings and specifications prepared as per details, drawings, directions, instructions, specifications and orders that may be given to the Contractor by the Engineer / Employer / Consultant from time to time. The Contractor shall also carry out such changes, alterations, modifications, as may be decided upon by the Employer during the progress of work.

2. QULAIY OF WORKS:

The work shall be executed with materials and workmanship of the respective kind, desired and described in the specifications for the work and as required as to the complete satisfaction of the Consultant Architect / Employer, Wherever a specific material is specified, the Employer may ask the contractor to obtain a certificate to the effect that the material is of the specific manufacturer. All material used at site must be of approved makes. In case any material of approved make is not available, it must have ISI certification and got approved by the Competent Authority.

3. RATES:

The Employer shall pay the Contractor, who shall receive the payment in respect of the work executed as per the schedule of quantities and quoted approved rates in the tender herewith duly accepted by both the parties.

4. TIME / WORKS PROGRAMME:

The Contractor shall begin the work within seven days of the written order to commence the work, which he may receive from the Employer and shall proceed with the work without stoppages or suspension and with all due care, diligence and expedition and complete the same together with all extra and additional work as may be decided upon and orders by the employer and execute/complete the entire work in every respect as per approved works program submitted by the Contractor and latest by the following dates:

4.1 Date of Commencement of the Works shall be reckoned from the 7th day of award of work latter.

4.2 Period of completion of the work: 30 days

4.3 Time shall be essence of the contract and decision of the employer in the matter of date of starting, progress of execution and completion of the work, shall be final and always binding upon the Contractor.

4.4 If the Contractor fails to start the above work as mentioned above or shall stop or suspend the work or fail to complete the work as provided in the works program within the dates specified herein or within extended time (Granted) the contractor shall pay the employer by way of liquidated damages and further damages to the Employer @ Rs. 2,000 /- per day subject to a max of 10% of the contract amount.

4.5 If in the opinion of the Employer the work is delayed.

(a) By any unforeseen circumstances having no fault on the part of the Contractor.

OR

(b) By delay of work by other Contractors or workmen engaged by the employer.

OR

(c) By reason of authorized extra additional work.

OR

(d) From other causes beyond the control of the contractor.

The employer may give such reasonable extension of time at his sole discretion for the completion of work provided however, that the best of endeavors to prevent the delay has been made by the Contractors.

4.6 Provided always that the Employer shall not be bound to wait beyond 10 days of delay and payment of the prescribed penalty will not entitle the Contractor to delay the work indefinitely. If the completion of the work is delayed beyond reasonable extended, the employer shall be entitled to terminate this contract and get the work done through other agencies, entirely at the risk and cost of the Contractor over and above liquidated damages payable on delay of completion.

5. INTERIM ADVANCE PAYMENT:

The Employer may pay to the Contractor interim payment amounting not less than Rs. 2,00,000/- (Rupees Two Lakhs) for work actually executed at site.

The issue of interim certificate by the Engineer / Consulting Architect and interim payments made by the employer shall not be considered to mean that the work is passed and shall in no way prejudice the right of the Employer to reject the work or any part thereof, being defective on any later date or at the time of final completion.

6. COMPLETION CERTIFICATE AND FINAL PAYMENTS:

After completion of the works under various items, the joint measurements of the actual work done by the contractors will be recorded in presence of the Contractor and Engineer or their representatives and the same will be forwarded to Consultant Architect for verification. After verification, the Contractor will prepare his bill based on the quantities obtained therein. The bill submitted by the Contractor will be recommended to the Employer for payment after due verification and vetting of the Consultant Architect.

In the event, even after receipt of notice in writing, if the Contractor or his representative is not attending the joint measurements, the Engineer or his representative and Engineer will arrange to record the measurements unilaterally and the same will be treated as final and binding on Contractor.

It is further provided that no final or other certificate of payments or of completion acceptance or settlement of the account in any circumstances shall relieve the Contractor from his liability of wilful unauthorized deviation from the drawings, specifications, schedule of rates and quantities, instructions and directions from time being binding upon him.

6.A CANCELLATION OF CONTRACT

Notwithstanding anything mentioned otherwise in this Agreement and without prejudice to any other rights, the employer may on his own opinion terminate the contract on account of any of the following acts of the Contractor.

1. Inefficiency, negligence or dishonesty on the work.
2. Liquidation or insolvency of the Contractor.
3. Failure to commence the work within seven days from the date of order to commence.

4. Deliberate and repeated failures to carry out reasonable instruction and order of the Consultants Engineer/Employer relating to the contract.
5. Unsatisfactory progress of work.
6. Usage of sub-standard materials or bad workmanship.
7. The opinion of the employer shall be final and binding when the contractor has committed any of the aforesaid act.

7. VARIATION AND EXTRAS:

The Employer and the Contractor agree that the Employer reserves to themselves the right to make any alterations or deviations from the plans or specifications which shall not vitiate this contract but that all such variations and deviations shall be measured and valued and paid for as the Employer may decide, except for the extra work executed without authority and / or authorized instruction of the Employer. All such extra work shall be carried out after the written permission of the Employer / Consultant Architect and rates approved prior to execution of the work.

8. DEFECTIVE MATERIALS OR WORKMANSHIP:

Should any materials brought to the site or used, be of interior quality or otherwise unsuited for the work or not in accordance with the specifications or any work executed be found to be defective, unsound or badly finished: the contractor shall. On receipt of 24 hours' notice from the Employer; remove the materials, re-execute the work at his own cost to the entire satisfaction of the Employer.

9. DEFECT LIABILITY PERIOD : -

In the event of the work developing any defect within one year form the virtual completion date, the Contractor shall, on receipt of a written notice from the Employer make good the loss or correct the defect to the satisfaction of the Employer within 15 days of the said notice, failing which the defects shall be got rectified/attended/reconstructed at the risk and cost of the contractor.

10. The Contractor shall not deposit materials on the site, which will seriously cause inconvenience to the students/staff/public/guests etc. The Employer direct the contractor to remove any materials which are considered by him to be dangerous or likely to cause inconvenience to students/public/staff etc. and if they fail to do the needful, the same shall be removed at Contractor's risk and cost.

11. While the works are in progress, all the materials used or to be used in the works, the same shall remain at the Contractor's sole risk and shall not be entitled to any compensation for damages destruction of such works or materials arising out of any cause whatsoever.

12. The Contractor shall keep the Employer indemnified from any claims, costs, charges or expenses or injury to any persons whether workmen or not and/or property while working at site and the Employer shall not be bound to defend any claim brought under the Government Workmen's Compensation Act. Labour laws of others statutes if any such injury or loss due to any enactment for the time being in force.

- 13.** If the Contractor or his workmen whether negligently or otherwise cause any damage or loss to any property, fixtures, of the Employer lying in the premises; the Contractor shall make good the damage or reimburse such losses to the Employer. The Employer shall always be entitled to deduct any amount of such losses from the amount payable to the Contractor.
- 14.** All minor variations in dimensions and specifications due to site conditions and all incidentals thereto relating to work shall be carried out without any extra work cost.
- 15.** The whole contract shall be a Works Contract” and the rates quoted by the Contractor shall include for the complete finishing of all items of work and final cleaning of the site etc. All applicable sales tax, excise duty if any on “works contract” shall be paid and borne by the Contractor.
- 16. RATES AND REFERENCE:**
Rates quoted for work as per Schedule of Quantities and Rates, Brief Specifications and the drawing annexed shall form basic reference for cost and design. The Employer or his representative shall have the option to alter and modify the design. Detail within the cost reference of relevant items, as equivalent alternative item, before taking up the relevant works.
- 17.** The reference drawings, sketched and brief specifications are indicated for various items for which the prices have been quoted. In the event details and brief specifications not becoming clear it shall be left to the discretion of the Employer or his representative to suitably provide detailed clarifications within the concepts of the design and the price factor and no extra cost shall be admissible except for an entirely new extra work.
- 18.** The Rate for all additions / extra items will be worked out on the basis of rates quoted for similar items in the contract wherever existing or derived from the latest Delhi Schedule of Rates prepared by Central Public Works Department of the Government of India or on engineering rate analysis based on prevalent fair wage of labour, price of other material components.
- 19.** The Employer shall be at liberty to omit in part/ entirely all such provisional items and works and may get them done from relevant agency directly. The Contractor shall have no claims on account of such omissions, exclusion etc. the necessary detail/concept/selection of provisional items/ works shall be left to the discretion of the Employer within the price factor of the rates and amounts provided in the schedule.
- 20.** The Contractor shall submit a “Work Schedule along with Bar Chart” and “Procurement Chart” for proper monitoring within a week from award letter as it is a time bound work. Involving penalty. The Contractor shall endeavourer of complete the work in specified time.

21. SHOP DRAWINGS AND SAMPLES:

Drawings/Designs, standard details provided in the contract are indicative as the basis of Contractor's quoted rates.

Contractor shall submit the roof covering design of the Porta Cabins structure alongwith fabrication and installation details of rain water gutter for collection and disposal of rain water into the rain water harvesting structure. The Porta Cabins contractor will have to bring down rain water from roof to the Gully pit on the ground level. The location of rain water pipes will have to be conveyed to the contractor responsible for construction of Foundation and Plinth who will be constructing these Gully Pits. In case of any discrepancy in the location of gully pits located by the Foundation and Plinth Contractor the Porta Cabins contractor will have to alter the location at his own cost

Contractor shall produce samples and take approval from Consultant Architect / Employer of all materials to be used in all the works, well in advance for maintaining uninterrupted placement of orders and manufacturing activities. Such samples/catalogues may include built – in – items of works, detailing and methodology including general, civil, electrical, plumbing and finishing and miscellaneous items from time to time.

22. TERMS OF PAYMENT:

For a minimum amount of Rs. 2,00,000 /- (Rupees Two lakhs) of works actually executed at site, and measured interim payments shall be made to the Contractor against running account bills, which shall be evaluated and duly certified by the Engineer and the Employer shall make the payment within 10 days after the issuance of certificate of payment by the Engineer / Consultant Architect.

23. REFUND OF EARNEST MONEY:

23.1 The "EARNEST MONEY DEPOSIT" will be refunded within 30 days of granting of "COMPLETION CERTIFICATE" for the work, by the Consultant Architect / Engineer / employer provided of course the Contractor has satisfactorily handed over all the executed works and vacated and cleared the work site to the satisfaction of the Employer.

24. RETENTION MONEY:

24.1 5% of the contractor's each running account bill value shall be retained as "Retention Money". Retention money amount shall be released on successful completion of defect liability period. No interest shall be payable on earnest money / retention money.

24.2 If the Contractor fails to rectify the notified defect during the said Defects Liability Period within 15 days of issue of such notice to him, the cost of such defects and losses will be adjusted from the retention money due to him.

ARTICLES OF AGREEMENT

ARTICLES OF AGREEMENT made at _____ this day _____ of between the Principal, Ramanujan College – Kalkaji, New Delhi- 110 019. (Hereinafter referred as the “Employer” which expression shall include their heirs, Executors, Administrators & Assigns) of the one part and M/s _____ the Contractor (which expression shall include their heirs, executors, administrators and assigns) of the other part.

WHEREAS the Employer is desirous to carry out the Construction of porta cabins in the Ramanujan College – Kalkaji, New Delhi -110 019, and has caused drawing and specification describing the work to be done, prepared by the Consultant Architects (hereinafter referred to as the Consultant Architect / Engineer) and WHEREAS the specifications and the Priced Bills. schedules of Quantities have been signed by or behalf of the parties hereto and WHEREAS the contractor has agreed to execute upon the subject to the conditions set forth herein (hereinafter referred to as “The said conditions General or Special”) work shown upon “the said drawings and described in the said Specification” the said Bill/Schedule of Quantities, to the respective rates mentioned in the Bills/Schedule of Quantities constituting the tender documents.

NOW IT IS HEREBY AGREED AS FOLLOWS:

Consideration of the payment to be made to the Contractor as hereinafter provided he shall upon and subject to the said conditions execute and complete the work upon the said drawings and such further drawings as may be furnished to him by the said Employer/Consultant Architect / Engineer and described in the said Specifications and the Said Schedule of Quantities.

The Employer shall pay the contractor such sums as shall become payable hereunder to the time and in the manner specified in the said conditions.

The tender documents shall be read and construed as forming part of that Agreement, and the parties hereto will respectively abide by and submit themselves to the Conditions and Stipulations and perform the Agreement of their parts respectively in the tender contained.

The Employer reserves to himself the right of altering the drawing and nature of the work and adding to or omitting any items of work or of having portion of the same carried out departmentally or otherwise and such alterations or variations shall be carried out without prejudice to the Contract.

As witness our hands that

day of

2018

Signed by the Employer in the presence of

(Contractor)

WITNESS

WITNESS

Principal

Ramanujan College
Kalkaji, New Delhi-110 019

RAMANUJAN COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI – 110019

Tel: 26430192
Fax: 26421826

email : ramanujancollege2010@gmail.com
website : www.ramanujancollege.ac.in

Name of Work : - Construction of Plinth Platform only for Proposed Porta Cabin for Gymnasium and Sports Room

Conditions particular to this contract and specifications

Rates are to be quoted on Plinth Area basis for the Porta Cabins and verandahs (inclusive of Drinking Water Area) separately / individually.

GENERAL : -

The work under this contract shall be carried out in accordance with Schedule of works of various sections, particular specifications drawings forming part of this contract and conditions of this contract.

SAMPLES OF MATERIALS / SOURCE : -

The materials to be incorporated in the work by the contractor shall conform to or be superior in quality as specified in relevant IS codes.

SOURCES : -

- | | | |
|---------------------------------------|---|------------------------------------|
| (a) Coarse Sand | - | Stone dust / River sand / Badarpur |
| (b) Fine Sand | - | From Yamuna |
| (c) Broken or crushed stone Aggregate | - | From Sohna / Ayanagar / Pali |
| (d) Burnt bricks | - | From kiln local |

SCOPE OF WORK : -

All work mentioned in schedule of works of various sections and general summary to the extent shown in drawings if any and / or described in particular specifications are included in the scope of this contract.

CEMENT : -

Cement shall be procured by the contractor from the authorized dealers /main producers of cement as enumerated below: -

- (i) Birla corporation Ltd (Cement division)
- (ii) JK Lakshmi cement
- (iii) Shree Ultra
- (iv) Lakshmi Cement
- (v) Gujrat Ambuja Cement
- (vi) ACC Ltd.

The cement shall conform to chemical requirements and physical requirements as specified in respective clauses of IS 269.

STORAGE : -

Cement shall be stored over dry platform atleast 20 cm high in such a manner as to prevent deterioration due to moisture. In case of store room the stock should be atleast 20 cm above floors and away from the walls.

DOCUMENTATION : -

The contractor shall submit original purchase vouchers from the supplier for the total quantity of cement supplied under each consignment to be incorporated in the work. A photocopy to be forwarded to the Principal. The original vouchers shall be defaced by the concerned authority and kept on record. The entire quantity of the cement shall also be suitably recorded in the measurement book for record purposes before incorporation in the work and shall be signed by the concerned authority and the contractor.

FINE AGGREGATE (SAND) : -

Fine aggregate for all concrete works shall be of Badarpur / River sand / stone dust conforming to IS 383.

COARSE AGGREGATE : -

Coarse aggregate for all cement concrete work shall be broken or crushed stone conforming to IS 383.

FINE SAND - River Yamuna

All mixes of concrete and mortar mentioned in the tender documents shall be by volume.

MIXING AND CONSOLIDATION OF CONCRETE : -

All cement concrete shall be mixed in mechanical mixers. Hand mixing may be permitted where the quantity of concrete is small.

All reinforced cement concrete shall be consolidated by mechanical vibrator.

EXCAVATION AND EARTH WORK : -

Excavation in trenches in soft / loose soil.

Earth obtained from excavation and approved by concerned authority shall be used for filling around foundations.

Surplus spoil obtained from excavation shall be used in earth filling under floors.

BRICK WORK: -

The size of the brick shall be 23 x 11.3 x 7.5 cm of compressive strength 75 kg / sqcm. Permissible tolerance on the dimensions of the bricks shall be $\pm 3\%$. Brick work shall be built in cement mortar (1:4).

DAMP PROOF COURSE: -

Damp proof course shall consist of 40 mm thick layer of cement concrete (1:2:4) as indicated. DPC shall run the full width of the wall just below it. DPC shall be provided in all openings at plinth level.

FOUNDATION CONCRETE: -

Cement concrete (1:4:8) using 40 mm graded stone aggregate.

The foundation for walls shall be about 450 mm to 750mm below the existing ground level depending on existing ground profile over 75 mm plain cement concrete 1 : 2 : 4 (1 Cement : 2 Course Sand : 4 Stone aggregate) as leveling base and 300mm to 700mm brick work as per drawing. (Ground Profile)

The plinth level of porta cabin class rooms shall be about 450 mm and plinth level of verandah shall be about 12mm lower than the rooms i.e. 438mm having 25mm slope towards the outer edge of verandah as per drawing to prevent any puddling of water in the verandah.

The rate quoted shall be inclusive of all Civil Work above Foundation and Plinth work complete. No extra payment shall be made for Civil work done above the plinth area of the Porta Cabins and Verandah.

CEMENT PLASTER :-

12 mm thick in cement mortar (1:4) on brick walls.

PRE-CAST INTERLOCKING BLOCKS :-

Pre-Cast Interlocking Blocks shall be of 60 mm thickness M30 grade laid over 25mm thick sand layer and joints filled with sand.

Ramanujan College, Kalkaji, New Delhi - 110 019
University of Delhi

**Construction of Plinth Platform only for Proposed Porta Cabin for Gymnasium and Sports
Room**

BILL OF QUANTITIES

LIST OF DRAWINGS FOR PLINTH PLATFORM OF PORTA CABINS

1. Part Site Plan
2. Layout & Framing Plan
3. A Footing Detail
3. B Footing Plan

BILL OF QUANTITIES

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Construction of Plinth Platform only for Proposed Porta Cabin for Gymnasium and Sports Room
(Rates should be excluding GST)

S.No.	Description	Unit	Qty	Rate	Amount
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.				
1.1	All kinds of soil.	cum	110.57		
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50m and lift upto 1.5m.	cum	80.00		
3	Spreading and levelling earth filling Under floor in layers not exceeding 25cm thick well ramming and watering including bringing good Earth from outside.	cum	54.00		
4	Supplying and filling in plinth with Jamuna sand under floors, including watering, ramming, consolidating and dressing complete.	cum	13.50		
5	Plain Cement Concrete Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level :				
5.1	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	Cum	17.00		
5.2	1:4:8 (1 cement : 4 fine sand : 8 graded stone aggregate 40mm nominal size)	Cum	14.50		
6	Damp Proof Course Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size).	Sqm	26.00		
7	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
7.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	56.50		
8	Finishing Work				
8.1	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	Sqm	35.00		