



PUDUCHERRY SMART CITY DEVELOPMENT LIMITED
(GOVERNMENT OF PUDUCHERRY UNDERTAKING)

**NAME OF WORK: PROVIDING AND FIXING OF PLAY EQUIPMENT AT
BHARATHI PARK AND OPEN GYM EQUIPMENT AT
CHILDREN'S PARK, CHELLAN NAGAR & RAJIV
GANDHI CHILDREN'S PARK, LAWSPET,
PUDUCHERRY**

NOTICE INVITING TENDER

(THROUGH e-TENDER MODE)

FORM – 6

Certified that this NIT contains 22 items serially
numbered from 1 to 22

This NIT contains -- pages and approved for an amount of
Rs. 65,41,763/- (Rupees Sixty five lakhs forty one thousand seven
hundred and sixty three only)

NOTICE INVITING TENDER

Tender for the work of : **Providing and Fixing of Play Equipment at Bharathi Park and Open Gym Equipment at Children's Park, Chellan Nagar & Rajiv Gandhi Children's Park, Lawspet, Puducherry**

Approximate cost put to Tender : **Rs. 65,41,763/-**

Earnest Money Deposit (to be returned after receiving PG) : **NIL
(Bid Security Declaration Form to be enclosed)**

Date of Tender : **22.12.2021**

This tender contains : **81 pages**

Time allowed for the work : **4 months** including monsoon period

**CHIEF EXECUTIVE OFFICER
PUDUCHERRY SMART CITY
DEVELOPMENT LIMITED
PUDUCHERRY**

**PUDUCHERRY SMART CITY DEVELOPMENT LIMITED
(GOVERNMENT OF PUDUCHERRY UNDERTAKING)**

NOTICE INVITING TENDER for e-Tendering

1. ~~Percentage~~/ Item rate tenders are invited on behalf of the Puducherry Smart City Development Limited from eligible contractors / firms for the work of **“Providing and Fixing of Play Equipment at Bharathi Park and Open Gym Equipment at Children’s Park, Chellan Nagar & Rajiv Gandhi Children’s Park, Lawspet, Puducherry”** through e-Tender in online.

1.1 The work is estimated to cost **Rs. 65,41,763/-**. This estimate, however, is given merely as a rough guide.

The enlistment of the contractors should be valid on the last date of submission of tenders.

In case the last date of submission of tender is extended, the enlistment of contractor should be valid on the original date of submission of tenders.

1.2 Tender can be downloaded from e-Tender website www.pudutenders.gov.in by the eligible contractors/firms registered in Railways/MES/BSNL/CPWD/ any state and Union Territory PWD. All the bidders should produce definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority of having satisfactorily completed similar works of magnitude specified below during the last **7 years ending previous day of last date of submission of tenders**.

1.2.1. (i) Eligibility conditions for contractors:

The firms/companies or contractor registered in Central/State Government Departments/Government undertakings/Joint venture can take part in the tender. The term ‘**Bidder**’ used herein would apply to both a single Entity and a Joint Venture (Consortium). In case of a Joint Venture (Consortium), the lead member shall participate in the bidding process and submit all the necessary documents establishing eligibility.

- a) In case of an individual firm/company/registered contractor, shall possess the EN1176 & EN16630 certificates issued by the reputed notified International certifying body such as International Play Equipment Manufacturers Association (IPEMA), TUV, Consumer Product Safety Commission (CPSC) or SGS.
- b) The number of consortium members shall not exceed two, including the Lead member.
- c) In case of Joint Venture, any one of the consortium members shall be a registered contractor in PWD / CPWD / firms /Railways/MES/BSNL/ any state and Union Territory PWD and any one of the consortium members

shall be dealer / manufacture of play / GYM equipments fulfilling the EN1176 & EN16630 certificates issued by the reputed notified International certifying body such as International Play Equipment Manufacturers Association (IPEMA), TUV, Consumer Product Safety Commission (CPSC) or SGS.

- d) Further EN1176 & EN16630 certificate must be in the name of the any one of the entity (contractor or manufacturer / dealer / supplier)
- e) The Bidder shall submit duly notarized the Consortium Agreement in accordance with form -III of the NIT (Power of Attorney for Lead Member of Consortium).
- f) The bidder shall produce the MOU / MOA (Form-IV).
- g) The Successful Bidder at no given point of time may assign or delegate its rights, duties or obligations under the Agreement / Contract except with prior written consent of the Authority.
- h) The Bidder shall enclose **Bid declaration Form** for the Earnest Money Deposit (EMD) at the time of submission of bid. The scanned copy of Bid declaration Form should have been enclosed in the technical bid in accordance with Form.
- i) The completion certificate / proof for having satisfactorily completed similar project should be enclosed by the bidders.

(ii) Technical eligibility

The firms/companies or contractor registered in Central/State Government Departments/Government undertakings/ Joint Venture having experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which proposals are invited and shall fulfill either of the following.

Three similar completed works costing not less than 40% of the estimated cost put to tender (OR)

Two similar completed works costing not less than 60% of the estimated cost put to tender (OR)

One similar completed work costing not less than 80% of the estimated cost put to tender

The value of completed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion to last date of submission of tenders.

“Similar works” mean providing & fixing open GYM equipment and children play equipments/Civil works.

1.2.1.(iii) Financial eligibility

The bidder shall possess atleast 30% of the estimated cost as Average Annual financial turnover during the last three (3) financial years, ending 31st March of the previous financial year.

1.2.2 Eligibility Conditions for Joint Venture:

In case of Joint Venture the following financial eligible conditions shall be fulfilled.

a) Qualifying factors to be met collectively:

- i. Experience in providing and fixing open GYM equipments and childrens play equipments/ Civil works.
- ii. Cash flow required for this work.

b) Qualifying factors for lead partnership:

- i. The lead member shall possess atleast 30% of the estimated cost as average Annual financial turnover during the last three financial years ending 31st march of the previous financial year.
- ii. Experience in providing and fixing open GYM equipments and Children play equipments/ Civil works.
- iii. Financial Eligibility to meet the cash flow requirement for this work which should be more than 50% of the estimate cost.
- iv. Adequate sources to meet the Financial Commitment.
- v. Financial soundness.

c) Qualifying factors for other partner:

Same as for lead partner except the factors specified in b (iii), a lower limit of 25% may be accepted instead of 50% of the estimate cost.

1.2.3 The Bidder shall enclose the latest GST, ESI, EPF and group insurance registration certificates. Price Bid (cover – B) will be opened after satisfying the eligible criteria given in the technical bid (cover – A) in the presence of eligible bidders (Single or group of entities).

1.2.4 The bidder shall furnish the self attested copies of Income Tax returns, GST return during the last 3 years.

1.2.5 To become eligible for issue of tender, the tenderers shall have to furnish an affidavit as under:

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Puducherry Smart City Development Limited, then I/we shall be debarred for tendering in Puducherry Smart City Development Limited in future forever. Also, if such a violation comes to the notice of Puducherry Smart City Development Limited before date of start of work, the Chief Executive Officer shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. (Scanned copy to be uploaded at the time of submission of tender)

1.2.6 It shall be mandatory for the bidders to upload the work experience certificate(s) and the affidavit as per the provisions of clause.1.2.5. **Particulars of completed works for fulfilling the eligibility criteria duly**

authenticated / certified by an officer not below the rank of Executive Engineer or equivalent in Government Organisation be furnished separately for each completed work.

~~1.2.7. But for such tenders, registered contractors of Public Works Department in Puducherry are eligible to submit the tenders without submission of work experience certificate and affidavit. Therefore, Puducherry Public Works Department registered contractors shall upload two separate letters for experience certificate and affidavit that these documents are not required to be submitted by them. Uploading of these two letters is mandatory otherwise system will not clear mandatory fields.~~

2. Agreement shall be drawn with the successful tenderers on prescribed Puducherry Smart City Development Limited Form No. 7/8. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be 4 Months (including monsoon period) from the date of start as defined in schedule 'F' or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.

~~4. (i) The site for the work is available. OR~~

The site for the work shall be made available in parts as per execution of work:

~~(ii) The architectural and structural drawing for the work is available~~

OR

The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.

5. The tender document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen on website www.pudutenders.gov.in at free of cost.

6. After submission of the tender the contractor can re-submit revised tender any number of times but before last time and date of submission of tender as notified.

7. While submitting the revised tender, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.

8. When tenders are invited in three stage system and if it is desired to submit revised financial tender then it shall be mandatory to submit revised financial tender. If not submitted then the tender submitted earlier shall become invalid.

~~9. Tenders shall be accompanied with Bid Security Declaration Form for Earnest money in cash (upto ₹ 10,000/-) through DIRECT DEBIT / NEFT /~~

~~A part of earnest money is acceptable in the form of bank guarantee also, when the amount of Earnest money is more than ₹-5.00 Lakhs.~~

~~In such case minimum 50% of EMD or ₹-20.00 Lakhs whichever is less will have to be deposited in shape prescribed above and balance amount of earnest money can be accepted in the form of Bank Guarantee issued by the scheduled bank having validity for 6 months or more from the last date of receipt of tenders which is to be scanned and uploaded by the intending tenderers and the successful tenderer shall extend the validity of such Bank guarantee for the period of completion **plus 12 months** maintenance period.~~

~~The physical Bank Guarantee for part of the EMD of the scanned copy uploaded shall be deposited by the lowest tenderer within a week after opening of financial tender failing which the tender shall be rejected.~~

~~The following undertaking in this regard shall also be uploaded by the intending tenderers:-~~

~~“The Physical Bank Guarantee for part of the EMD shall be deposited by me/us with the Chief Executive Officer calling the tender in case I/we become the lowest tenderer within a week of the opening of financial tender otherwise Puducherry Smart City Development Limited may reject the tender and also take action to withdraw my/our enlistment/debar me/us from tendering in Puducherry Smart City Development Limited~~

Interested contractor who wish to participate in the tender has also to make following payments within the period of tender submission:

e-tender processing fee ₹ 1000/- + 5% GST (non-refundable) shall be payable using payment e-gateway of ICICI Bank through internet banking or RGTS/NEFT facility drawn in favour of **the Chief Executive Officer, Puducherry Smart City Development Limited, Puducherry.**

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice including GST registration certificate shall be scanned and uploaded to the e-Tendering website within the period of tender submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest tenderer ~~only along with physical Bank Guarantee for part of the EMD of the scanned copy of EMD uploaded within a week physically in the office of tender opening authority.~~

Online tender documents submitted by intending tenderers shall be opened only of those tenderers, who has deposited e-Tender Processing Fee and Bid security declaration form through the payment gateway provided on e-tender portal <https://pudutenders.gov.in> and other documents scanned and uploaded are found in order.

The tender submitted shall be opened at 11.00 AM on 22.12.2021

10. The tender submitted shall become invalid and e-tender processing fee shall not be refunded if:

- (i) The tenderer is found ineligible.
- (ii) The tenderer does not upload all the documents (including GST registration) as stipulated in the tender document ~~including the undertaking about deposition of physical EMD of the scanned copy of EMD uploaded.~~
- (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of tender and hard copies as submitted *physically by the lowest tenderer* in the office of tender opening authority.
- (iv) ~~If part of the EMD drawn in the form of Bank Guarantee the contractor should upload the scanned copy of the same. The physical Bank Guarantee shall be deposited by the lowest tenderer with in a week after opening of financial tender failing which the tender shall be rejected.~~
- (v) ~~The lowest tenderer does not deposit physical Bank Guarantee for part of the EMD within a week of opening of tender.~~
- (vi) The PSCDL shall seek clarification, particulars and Additional information from the bidders before opening of the Financial bid.

11. The contractor whose tender is accepted will be required to furnish performance guarantee of 3% (Three Percent) of the tender amount within the period specified in Schedule F. This guarantee shall be in the form of Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Term Deposit receipt/ Pay order of any Scheduled Bank or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. ~~The earnest money deposited alongwith tender shall be returned after receiving the aforesaid performance guarantee.~~

- (a) ~~On evaluation of tender and if the tender is found that the overall amount quoted is 15.00% below and more than 15.00% below, then the contractor shall be asked to pay an additional performance guarantee amounting to 50% of the difference between the quoted amount and estimate cost put to tender. Failure to furnish the additional performance guarantee over and above the normal performance guarantee of 3% within the specified period from the date of receipt of acceptance letter, shall entitle cancellation of award and forfeiture of EMD furnished.~~
- (b) This period can be further extended at the written request of the contractor by the Chief Executive Officer for a maximum period ranging from 1 to 15 days with late fee @ 0.1% per day, of performance guarantee amount.

In case the contractor fails to deposit the said performance guarantee and additional performance guarantee, if any, within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

12. The description of the work is as follows:

“Providing and Fixing of Play Equipment at Bharathi Park and Open Gym Equipment at Children’s Park, Chellan Nagar & Rajiv Gandhi Children’s Park, Lawspet, Puducherry”.

Intending Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The tenderers shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Puducherry Smart City Development Limited and local conditions and other factors having a bearing on the execution of the work.

13. The competent authority on behalf of the Puducherry Smart City Development Limited does not bind himself to accept the lowest or any other tender and reserves to himself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderers shall be summarily rejected.

14. Canvassing whether directly or indirectly, in connection with tenderers is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

15. The competent authority on behalf of Puducherry Smart City Development Limited reserves to himself the right of accepting the whole or any part of the tender and the tenderers shall be bound to perform the same at the rate quoted.

16. The contractor shall not be permitted to tender for works in the Puducherry Smart City Development Limited responsible for award and execution of contracts, in which his near relative is posted as an officer in any capacity. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives as an officer in any capacity in the Puducherry Smart City Development Limited (PSCDL), Union Territory of Puducherry. Any breach of this condition by the contractor would render him liable to be removed.

17. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service.

18. The tender for the works shall remain open for acceptance for a period of ~~One hundred and twenty days (120) days from the date of opening of tenders in case of single tender system/~~**One hundred and twenty (120) days from the date of opening of technical bid in case bids are invited on 2 bid/envelop system/**~~One hundred twenty(120) days from the date of opening of technical bid incase bids are invited on 3 bid/envelope system for specialized work~~ (strike out as the case may be). If any tenderers withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the Puducherry Smart City Development Limited, then the Puducherry Smart City Development Limited shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderers shall not be allowed to participate in the rebidding process of the work.

19. This notice inviting Tender shall form a part of the contract document. The successful tenderers/contractor, on acceptance of his tender by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

- (a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and the rates quoted online at the time of submission of tender and acceptance thereof together with any correspondence leading thereto.

(b) Standard PSCDL Form 7/8 or other Standard PSCDL Form as applicable.

20. PSCDL reserves all rights to accept or reject any bid and to cancel and reschedule the bidding process, at any time prior to opening and award of the Contract, without assigning any reason there of. Any liability to the participated bidders due to rescheduled / cancellation of tender, the PSCDL is not responsible for the same.

Signature of Chief Executive
Officer

PUDUCHERRY SMART CITY DEVELOPMENT LIMITED

(GOVERNMENT OF PUDUCHERRY UNDERTAKING)

STATE : PUDUCHERRY
PUDUCHERRY

REGION :

~~Percentage Rate Tender~~/Item Rate Tender & Contract for Works

(A) Tender for the work of:-

“Providing and Fixing of Play Equipment at Bharathi Park and Open Gym Equipment at Children’s Park, Chellan Nagar & Rajiv Gandhi Children’s Park, Lawspet, Puducherry”

(i) To be submitted/uploaded by 4:00 PM on 04.12.2021 to 4:00 PM on 21.12.2021 /upload at www.pudutenders.gov.in

(ii) To be opened in presence of tenderers who may be present at 11:00 AM on 22.12.2021 in the office of Puducherry Smart City Development Limited.

Issued to:*

Signature of officer issuing the documents*

Designation:

Date of Issue:

* Not Applicable for
e-tendering

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Chief Executive Officer, Puducherry Smart City Development Limited within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for ~~One hundred and twenty days (120) days from the due date of its opening in case of single bid system~~ / **one hundred and twenty days (120) days from the date of opening of technical bid in case tenders are invited on 2 bid/envelope system** / ~~One hundred twenty(120) days from the date of opening of technical bid in case bids are invited on 3 bid/envelope system for specialised work (strike out as the case may be)~~ and not to make any modification in its terms and conditions.

~~A sum of Rs. ₹ _____/- is hereby forwarded in cash (upto ₹ 10,000/-) through DIRECT DEBIT / NEFT / RTGS mode through online as earnest money.~~

This tender is accompanied with Bid Security Declaration Form for Earnest Money Deposited through ~~DIRECT DEBIT / NEFT / RTGS mode through online~~ in favour of the Chief Executive Officer, PSCDL ~~/bank guarantee issued by a scheduled bank is scanned and uploaded~~ (strike out as the case may be). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the said on behalf of the Puducherry Smart City Development Limited or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that on behalf of the Chief Executive Officer, Puducherry Smart City Development Limited or the successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Puducherry Smart City Development Limited, then I/We shall be debarred for tendering in Puducherry Smart City Development Limited in future forever. Also, if such a violation comes to the notice of Puducherry Smart City Development Limited before date of start of work, the Chief Executive Officer shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated

Witness:

Address:

Occupation:

Signature of Contractor
Postal Address

A C C E P T A N C E

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Puducherry Smart City Development Limited for a sum of

Rs.....

(Rupees.....

.....

.....)

The letters referred to below shall form part of this contract agreement:-

(a)

(b)

(c)

For & on behalf of the PSCDL

Signatures.....

Designation.....

Dated:

**PUDUCHERRY SMART CITY DEVELOPMENT LIMITED
(GOVERNMENT OF PUDUCHERRY UNDERTAKING)**

GENERAL RULES & DIRECTIONS:

1. All work proposed for execution by contract will be notified in a form of invitation to tender pasted in public places and signed by the officer inviting tender or by publication in News papers or posted on website as the case may be. This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender, and the amount of the security deposit and Performance guarantee to be deposited by the successful tenderer and the percentage, if any, to be deducted from bills. Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the officer inviting tender shall also be open for inspection by the contractor at the office of officer inviting tender during office hours.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power-of attorney authorizing him to do so, such power of attorney to be produced with the tender, and it must disclose that the firm is duly registered under the Indian Partnership Act, 1952.
3. Receipts for payment made on account of work, when executed by a firm, must also be signed by all the partners, except where contractors are described in their tender as a firm, in which case the receipts must be signed in the name of the firm by one of the partners, or by some other person having due authority to give effectual receipts for the firm.

APPLICABLE FOR ITEM RATE TENDER ONLY

4. Any person who submits a tender shall fill up the usual printed form, stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer, written on the envelopes. The rate(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paisa and considering more than fifty paisa as rupee one. In case the lowest tendered

amount (worked out on the basis of quoted rate of Individual items) of two or more contractors is same, then such lowest contractors may be asked to submit sealed revised offer quoting rate of each item of the schedule of quantity for all sub sections/sub heads as the case may be, but the revised quoted rate of each item of schedule of quantity for all sub sections/sub heads should not be higher than their respective original rate quoted already at the time of submission of tender. The lowest tender shall be decided on the basis of revised offer.

If the revised tendered amount (worked out on the basis of quoted rate of individual items) of two or more contractors received in revised offer is again found to be equal, then the lowest tender, among such contractors, shall be decided by draw of lots in the presence Chief Executive Officer, PSCDL and the lowest contractors those who have quoted equal amount of their tenders.

In case all the lowest contractors those who have same tendered amount (as a result of their quoted rate of individual items), refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each lowest contractors.

Contractor, whose earnest money is forfeited because of non-submission of revised offer, or quoting higher revised rate(s) of any item(s) than their respective original rate quoted already at the time of submission of his tender shall not be allowed to participate in the retendering process of the work.

APPLICABLE FOR PERCENTAGE RATE TENDER ONLY

4.A. In case of Percentage Rate Tenders, contractor shall fill up the usual printed form, stating at what percentage below/above (in figures as well as in words) the total estimated cost given in Schedule of Quantities at Schedule-A, he will be willing to execute the work. The tender submitted shall be treated as invalid if-

1. The contractor does not quote percentage above/below on the total amount of tender or any section/sub head of the tender.
2. The percentage above/below is not quoted in figures & words both on the total amount of tender or any section/sub head of the tender.
3. The percentage quoted above/below is different in figures & words on the total amount of tender or any section/sub head of the tender.

Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort including conditional rebates, will be summarily rejected. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tender shall have the name and number of the works to which they refer, written on the envelopes.

4B. In case the lowest tendered amount (estimated cost \pm amount worked on

the basis of percentage above/below) of two or more contractors is same, such lowest contractors will be asked to submit sealed revised offer in the form of letter mentioning percentage above/ below on estimated cost of tender including all sub sections/sub heads as the case may be, but the revised percentage quoted above/below on tendered cost or on each sub section/ sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers.

In case any of such contractor refuses to submit revised offer, then it shall be treated as withdrawal of his tender before acceptance and 50% of earnest money shall be forfeited.

If the revised tendered amount of two more contractors received in revised offer is again found to be equal , the lowest tender, among such contractors, shall be decided by draw of lots in the presence of Chief Executive Officer, PSCDL and the lowest contractors those have quoted equal amount of their tenders. In case all the lowest contractors those have quoted same tendered amount, refuse to submit revised offers, then tenders are to be recalled after forfeiting 50% of EMD of each contractor. Contractor(s), whose earnest money is forfeited because of non-submission of revised offer, shall not be allowed to participate in the re-tendering process of the work.

5. The officer inviting tender or his duly authorized assistant, will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule-1. In the event of a tender being rejected, the earnest money shall thereupon be returned to the contractor remitting the same, without any interest.

6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.

7. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgement or payment to the officer inviting tender and the contractor shall be responsible for seeing that he procures a receipt signed by the officer inviting tender or a duly authorized Cashier.

8. The memorandum of work tendered for and the schedule of materials to be supplied by the Puducherry Smart City Development Limited and their issue-rates, shall be filled and completed in the office of the officer inviting tender before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender.

9. The tenderers shall sign a declaration under the official Secret Act 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them.

9A. Use of correcting fluid, anywhere in tender document is not permitted. Such tender is liable for rejection.

APPLICABLE FOR ITEM RATE TENDER ONLY

10. In the case of Item Rate Tenders, only rates quoted shall be considered. Any tender containing percentage below/above the rates quoted is liable to be rejected. Rates quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written either in figures or in words, then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally, but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount. In event no rate has been quoted for any item(s), leaving space both in figure(s), word(s), and amount blank, it will be presumed that the contractor has included the cost of this/these item(s) in other items and rate for such item(s) will be considered as zero and work will be required to be executed accordingly.

APPLICABLE FOR PERCENTAGE RATE TENDER ONLY

10 A. In case of Percentage Rate Tenders only percentage quoted shall be considered. Any tender containing item rates is liable to be rejected. Percentage quoted by the contractor in percentage rate tender shall be accurately filled in figures and words, so that there is no discrepancy.

11. In the case of any tender where unit rate of any item/items appear unrealistic, such tender will be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.

APPLICABLE FOR ITEM RATE TENDER ONLY

12. All rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15 P' and in case of words, the word, 'Rupees' should precede and the word 'Paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only' it should invariably be upto two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.

APPLICABLE FOR PERCENTAGE RATE TENDER ONLY

12 A. In Percentage Rate Tender, the tenderer shall quote percentage below/above (in figures as well as in words) at which he will be willing to execute the work. He shall also work out the total amount of his offer and the same should be written in figures as well as in words in such a way that no interpolation is possible. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15P' and in case of words, the word 'Rupees' should precede and the word 'Paisa' should be written at the end.

13.(i) The contractor whose tender is accepted will be required to furnish performance guarantee of 3% (three Percent) of the tender amount within the period specified in Schedule F. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10000/-) or Deposit at Call receipt of any scheduled bank/Banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/ Pay order of any Scheduled Bank of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. ~~The earnest money deposited alongwith tender shall be returned after receiving the aforesaid performance guarantee.~~

~~(a) On evaluation of tender and if the tender is found that the overall amount quoted is 15.00% below and more than 15.00% below, then the contractor shall be asked to pay an additional performance guarantee amounting to 50% of the difference between the quoted amount and estimate cost put to tender. Failure to furnish the additional performance guarantee over and above the normal performance guarantee of 3% within the specified period from the date of receipt of acceptance letter, shall entitle cancellation of award and forfeiture of EMD furnished.~~

- (b) This period can be further extended at the written request of the contractor by the Engineer-in-charge for a maximum period ranging from 1 to 15 days with late fee @ 0.1% per day, of performance guarantee amount.

In case the contractor fails to deposit the said performance guarantee and ~~additional performance guarantee~~, if any, within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

(ii) The contractor whose tender is accepted will also be required to furnish by way of Security Deposit for the fulfillment of his contract, an amount equal to 2.5% of the tendered value of the work. The Security deposit will be collected by deductions from the running bills as well as final bill of the contractor at the rates mentioned above. The Security amount will also be accepted ~~in cash or~~ in the shape of Government Securities. Fixed Deposit Receipt of a Scheduled Bank or State Bank of India will also be accepted for this purpose provided confirmatory advice is enclosed.

14. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-Charge shall be communicated in writing to the Engineer-in-Charge.

15. **This work is covered under Puducherry Goods and Service Tax Act, 2017 and Central Goods and Service Tax Act 2017, hence the contractors are requested to quote the rates including the effect of GST. Additional/Separate claim for GST will not be entertained on any account after the award of work. The payment is also liable for TDS as per provision of GST Act and Rules.**

16. The contractor shall give a list of both gazetted and non-gazetted Puducherry Smart City Development Limited employees related to him.

17. The tender for the work shall not be witnessed by a contractor or contractors who himself/ themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection.

18. The contractor shall submit list of works which are in hand (progress) in the following form:-

Name of Work (1)	Name & particulars of divn. Where work is being executed (2)	Value of work (3)	Position of works in progress (4)	Remarks (5)

19. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued thereunder from time to time. If he fails to do so, his failure will be a breach of the contract and the Chief Executive Officer, PSCDL may in his discretion, without prejudice to any other right or remedy available in law, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

20. The contractor/firm must obtain necessary prior permit from **Pondicherry Ground Water Authority**, for the water requirement of the proposed construction/road works which will be meet out either from tube well or transportation through tanker lorries before commencement of the construction work.

21. Inviting guidelines prescribed by the Central Vigilance Commission “**No post tender negotiation**” shall be conducted with the tenderers. The tenderers are expected to quote their rates with permissible limit of variation.

22. The contractor must study the plans appended with the tender and quote the rate accordingly.

For any clarification the contractors are free to contact the Engineer In-Charge, Puducherry Smart City Development Limited, Puducherry.

PROFORMA OF SCHEDULES

SCHEDULE “A”

Schedule of quantities (From Page No. 61 to 72)

SCHEDULE “B”

Schedule of materials to be issued to the contractor

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of issue
1	2	3	4	5
Contractor's own arrangement				

SCHEDULE “C”

Tools and plants to be hired to the contractor

Sl.No.	Description	Hire charges per day	Place of issue
1	2	3	4
	-NIL-		

SCHEDULE “D”

Extra schedule for specific requirement/document for the work. if any - **NIL**

SCHEDULE “E”

Reference to General Conditions of contract: General Conditions of Contract for Puducherry Smart City Development Limited, Puducherry.

Name of Work:	Providing and Fixing of Play Equipment at Bharathi Park and Open Gym Equipment at Children's Park, Chellan Nagar & Rajiv Gandhi Children's Park, Lawspet, Puducherry
Estimated cost of work:	Rs. 65,41,763/-
(i) Earnest money	NIL (Bid Security Declaration Form to be furnished)
(ii) (a) Performance Guarantee (b) — Additional — Performance Guarantee (in case of tender which is 15.00% below and more than 15.00% below)	3% of tendered value from the successful bidder. 50% of difference in cost between the quoted amount and estimate cost put to tender
(iii) Security Deposit	2% of tendered value from the successful bidder through DIRECT DEBIT/NEFT/RTGS mode only through online or in the form of Banker's cheque of any scheduled bank/demand Draft of any scheduled bank/ Term Deposit receipt/Pay order of any scheduled Bank or Government Securities or Fixed Deposit Receipts from any Scheduled Bank or Nationalised Bank in favour of the Chief Executive Officer, PSCDL. (or) 2.5% of tendered value plus 50% of PG for contracts involving maintenance of the building, roads, bridges and services/other works after construction of same building, roads, bridges and services /other works.

SCHEDULE “F”

GENERAL RULES & DIRECTIONS

Officer inviting tender	CHIEF EXECUTIVE OFFICER, PUDUCHERRY SMART CITY DEVELOPMENT LIMITED, PUDUCHERRY
Definitions:	
2(v) Engineer-in-Charge	General Manager, PSCDL
2(viii) Accepting Authority	The Chief Executive Officer, Puducherry Smart City Development Limited, Puducherry.
2(x) Percentage on cost of materials and Labour to cover all overheads and profits.	15%
2(xi) Standard Schedule of Rates	Puducherry Schedule of Rates for the year 2020-21 & Market rate applicable to Puducherry region exclusive of GST as applicable, PSR (Electrical) 2018-19 (Revised) inclusive of GST.
2(xii) Department	Puducherry Smart City Development Limited
9(ii) Standard Puducherry Smart City Development Limited contract Form	GCC 2014 (PUDUCHERRY SMART CITY DEVELOPMENT LIMITED Form 7/8) as Available in the website https://pondicherrysmartcity.in

Clause 1	(i)	Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance	15 days
	(ii)	Maximum allowable extension with late fee @ 0.1% per day of performance Guarantee amount beyond the period provided in (i) above	15 days
Clause 2		Authority for fixing compensation under clause 2	The Chief Executive Officer, PSCDL
Clause 2A		Incentive for early completion of work	Deleted
Clause 5		Number of days from the date of issue of letter of acceptance for reckoning date of start	30 days

Mile stone(s) as per table given below:

Sl. No.	Description of Milestone(Physical)	Time allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
	The bidder shall furnish programme for construction of work within the stipulated time schedule specified in the NIT covering all items of work while submission of bid in the Annexure.		

Time allowed for execution of work **4 Months** (including monsoon period)

(Or)

Sl. No.	Financial Progress	Time allowed in days (from date of start)	Amount to be with-held in case of non achievement of milestone
1.	1/8 th (of the whole work)	1/4 th (of the whole work)	In the event of not achieving the necessary progress as assessed from the running payments, 1% of the tendered value of work will be withheld automatically for failure of each milestone without any notice to the contractor.
2.	3/8 th (of the whole work)	1/2 (of the whole work)	
3.	3/4 th (of the whole work)	3/4 th (of the whole work)	
4.	Full	Full	

Authority to decide:

- (i) Extension of time : Chief Executive Officer, PSCDL
- (ii) Rescheduling of mile stone : Chief Executive Officer, PSCDL
- (iii) Shifting of date of start in case of delay in handing over of site : Chief Executive Officer, PSCDL

Clause 6 (or) 6A	Measurement of work done (or) Computerised Measurement Book	6 (or) 6A
Clause 7	Gross work to be done together with net payment /adjustment of advances for material collected, if any since the last such payment for being eligible to interim payment	₹ 16.35 Lakhs

Clause 10A

List of testing equipment to be provided by the contractor at site lab: NIL

Clause 10B(ii) : Mobilisation Advance Applicable / Notapplicable

Clause 10C : Applicable / Not applicable

Component of labour
expressed as percent of value 25%
of work

Clause 10CA : Applicable / Not applicable

S.N.	Materials covered Under this clause	Nearest Materials (other than cement, reinforcement bars, the structural steel and POL) for which All India Wholesale Price Index to be followed	Base Price and its corresponding period of all the materials covered under Clause10 CA
1.	Cement		As per PSR 2020-21 applicable to Puducherry Region
2.	Steel		
3.	Bitumen		

- » Includes Cement component used in RMC brought at site from outside approved RMC plants,if any.
- » Base price and its corresponding period of all the materials covered under Clause10 CA is to be mentioned **at the time of approval of NIT**. In case of recall of tenders, the base price may be modified by adopting latest base price and its corresponding period.

Clause 10CC : ~~Applicable~~ / Not applicable

Clause 10CC	Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column	12 months
Schedule of component of other materials, Labour etc. for price escalation.	Component of civil (except materials covered Under Clause 10 CA) /Electrical construction Value of work	Xm 40 %
	Component of Labour Expressed as percent of total value of work	Y 25 %

Note: Xm.....% should be equal to (100) - (materials covered under clause 10 CA i.e. Cement, Steel, POL and other material specified in clause 10 CA + Component of Labour)

Clause 11	Specifications to be followed for execution of work	C.P.W.D. specifications 2009, MOST, MORTH, IRC & CPHEEO specifications and manuals (with correction slips and subsequent publications)
Clause 12	Type of work	Original Work

*** To be filled by NIT approving authority either Project and original work or Maintenance works including works of upgradation, aesthetic, special repair, addition/alteration in buildings.

The items related to road work like upgradation/improvement of footpath & central verge, improvement of carriage way by patch repair or annual/periodical repairs of road surface and A/R &M/O works pertaining to road shall be treated as maintenance work.

New road construction works and the strengthening of road surface shall be considered as original works.

Clause 12.2 & 12.3	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work (Super Structure)	30%
12.5 (i)	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in PSR and related items)	100%
(ii)	Deviation Limit for items mentioned in earth work subhead of PSR and related items	100%
Clause 16	Competent Authority for deciding reduced rates	Chief Executive Officer, PSCDL, Puducherry

Clause 18

List of mandatory machinery, tools & plants to be deployed by the contractor at site:

1. Excavators various sizes
2. Equipment for hoisting & lifting
3. Concrete batching plant
4. Concrete mixer diesel/electrical
5. Needle/Table vibrator (Petrol/Electrical)
6. Drilling machine
7. Steel Shuttering/Scaffolding
8. Tripper/Tracks
9. Pump (Diesel/Electrical)
10. Diesel generator
11. Seive analysis
12. Slumpcone Apparatus
13. Weighing machine
14. Measuring Jar
15. Beaker
16. Pan
17. Mixing tray

Clause 25

Constitution of Dispute Redressal Committee (DRC)

1. **Chairman** : Chief Executive Officer, PSCDL
2. **Member** : Joint Chief Executive Officer, PSCDL
3. **Member** : Chief Technical Officer, PSCDL
4. **Member** : General Manager (Project)
5. **Member** : General Manager (Planning & Procurement)

Clause 36(i)

Requirement of Technical Representative(s) and recovery Rate

Sl. No.	Minimum Qualification of Technical Representative		Designation (Principal Technical/ Technical representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Words
1	Graduate Engineer	Discipline	Project Planing /Site / billing Engineer	2 Years	1	Rs.15,000/- PM	Rupees Fifteen Thousand per month
	(or) Diploma Engineer			5 Years	1	Rs.15,000/- PM	

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Diploma holder with minimum 10 year relevant experience with a reputed construction company can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

Clause 42	(i) (a)	Schedule / statement for determining theoretical quantity of cement & bitumen on the basis of Puducherry	Puducherry Schedule of Rates 2020-21 printed by P.W.D.
	(ii)	Variations permissible on theoretical quantities	
	(a)	Cement: For works with estimated cost put to tender not more than Rs.5lakh	3% plus/minus
		For works with estimated cost put to tender more than Rs.5 lakh	2% plus/minus
	(b)	Bitumen: All works	2.5% plus & only & NIL on minus side
	(c)	Steel Reinforcement and structural steel; sections for each diameter, section and category	2% plus/minus
	(d)	All other materials	NIL

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl. No.	Description of item	Rates in figures and words at which recovery shall be made from the contractor	
		Excess beyond permissible variation	Less use beyond permissible variation
1.	Cement	-NIL-	-NIL-
2	Steel reinforcement		
3	Structural sections		
4	Bitumen issued free		
5	Bitumen issued at stipulated fixed price		

GENERAL CONDITIONS

- (1) The work shall in general be carried out in accordance with CPWD specifications for works 2009 with correction slips and issued from time to time. Revised CPWD Specification 2009 for cement mortar, cement concrete & RCC.
- (2) However if the said specifications differ from those given in the description of any particular item in the schedule of quantities and specifications stipulated herein, the latter shall prevail.
- (3) If the detailed description of any particular item in the schedule of quantities and specifications finally accepted by the Puducherry Smart City Development Limited differs from the particular specifications given hereunder, the former shall prevail to the extent applicable.
- (4) If the particular specification given hereunder differs from I.S. code provisions, in any respect, the former shall prevail.
- (5) Wherever any reference to any Indian standard specification occurs in the documents relating to this contract the same should be inclusive of all amendments issued thereto or revision thereof if any, upto the date of receipt of tenders.
- (6) Conditions involving any financial implications other than those covered in the schedule of quantities will not be entertained and such tenders are also liable to be rejected.
- (7) When working near existing structures, care shall be taken to avoid any damage to such structures, any such damage caused intentionally or unintentionally shall be restored to original and or acceptable condition and to the satisfaction of the Engineer-in-charge.
- (8) The contractor shall give to the Municipality, Police and other authorities all notices etc., that may be required to be given as per law and obtain all requisite licenses for temporary obstructions, enclosures and pay all fees, taxes and charges which may be leviable on account of the operations during the execution of the contract. No extra claim of the contractor will be entertained by the Puducherry Smart City Development Limited on this account.
- (9) Other agencies doing works related to this project may also simultaneously execute the works and the contractor shall co-ordinate and co-operate with them as found to be necessary at no extra cost.

(10) Any cement slurry or lime mortar or any combination thereof or water proofing material required for continuation from old work is demand to have been in built in the relevant items themselves and nothing extra shall be paid for the same.

(11) The rate for all items of the work shall be considered as inclusive of pumping out or bailing out water if required for which no extra payment will be made. This will include water encountered from any source as rains, flood, and subsoil water table being high due to any other cause whatsoever.

~~(12) The Contractor shall be required to establish complete field testing laboratory and arrange all the relevant codes and Standards. The list of such testing equipments. Codes and standards shall be specified in the tender documents. The contractor shall also arrange for more equipments, Codes and Standards. If they are needed during the execution of the work. The contractor shall also provide the minimum staff, as specified, for quality assurance. He shall also provide for a temporary shed, of the specified size and specifications at the allotted space at site for housing the testing laboratory.~~

CONDITIONS FOR ISSUE OF MATERIALS

The materials shall be issued to the contractor at the place of delivery as mentioned in schedule 'B'. If these are delivered at any other site, the difference due to cartage will be adjusted accordingly. The contractor shall have to cart at his cost the materials to the site of work as soon as these are issued. The materials shall be issued between the working hours and as per rules prevails in the stockyard of the materials as framed from time to time.

The contractor shall bear all incidental charges for cartage, storage and safe custody of materials. No reimbursement of the expenses will be made by the Puducherry Smart City Development Limited.

The contractor shall construct suitable godown at the site of work for storing the materials safe against damage of sun, rain, dampness, fire, theft etc. he shall also employ necessary watch and ward establishment for the purpose.

Cement bags shall be stored in separate godown with pucca floor weatherproof roofs and walls. Each godown shall be provided with a single door with two locks. The keys of one lock shall remain with the Puducherry Smart City Development Limited Engineer-in-charge of the work and that of the other lock with authorized agent of the contractor at the site of work so that the cement is removed from the godown accordingly to the daily requirements with the knowledge of both the parties.

The cement shall be stacked on proper floors consisting of two layers of dry bricks laid on well-consolidated earth at a level of at least 0.3 meters above ground level. These stocks shall be in row of 2 and 10 high with a minimum of 0.6 meter clear space around. The bags would be placed horizontally continuous in each line as shown in the sketch of C.P.W.D. specification 2009.

The day today receipts and issue accounts of cement shall be maintained buy the Engineer-in-charge and signed daily by the contractor or his authorized agent.

MATERIALS OBTAINED FROM DISMANTLEMENT

I. The contractors, in course of their work, should understand that all materials (e.g. stone and the other materials) obtained in the work of dismantling, excavation etc. will be considered Puducherry Smart City Development Limited property and issued to the contractor (if they require the same for their own use) at rates approved by Puducherry Smart City Development Limited. If these materials are not required by them, they will dispose of to the best advantage of Puducherry Smart City Development Limited.

DELAY IN OBTAINING MATERIALS BY THE PUDUCHERRY SMART CITY DEVELOPMENT LIMITED

II. Owing to difficulty in obtaining certain materials in the open market, the Puducherry Smart City Development Limited have undertaken to supply materials specified in schedule 'B' of the tender forms at rates stated therein. There may be delay in obtaining the materials by the Puducherry Smart City Development Limited and the contractor is, therefore required to keep himself in touch with the day to day position regarding the supply of materials from the Engineer-in-charge and to so adjust the progress of their work that their labour may not remain idle nor may there be any other claim due to so arising from delay in obtaining the materials. It should be clearly understood that no claim whatsoever shall be entertained by the Puducherry Smart City Development Limited on account of delay in supplying materials.

III. M.S. or deformed bars shall be issued in lengths as available in stores. M.S. or deformed bars shall be issued in straights or in coils as available and nothing extra shall be payable for straightening the bars. The bars issued in available lengths shall be cut to the required lengths and nothing extra shall be payable for the same.

IV. The contractor shall have to deposit the approved paints of required color and shade as per actual requirements of the work to be done with the Engineer-in-charge at his PSCDL at the site of work.

The contractor shall be responsible for the water proofness of the roof for one full monsoon season after the date of completion. He shall rectify the defect noticed after due intimation in writing is given by the Engineer-in-charge failing which, Engineer-in-charge shall get the defects repaired at the contractor's risk and cost.

WATER SUPPLY AND SANITARY WORK

V. The contractor shall engage licensed plumber for the work and get the materials tested by the Puducherry Smart City Development Limited authorities whenever required at their own cost. The work shall be carried out according to the specification and the contractor shall produce necessary certificate from the appropriate authorities after completion of work.

VI. The contractor shall have to deposit water proofing compound as per the actual requirements for the water proofing job with the Engineer-in-charge at the site of work.

The water proofing compound will be issued to the contractor from time to time according to his requirements for the work in the same manner as the issue of the materials stipulated to be issued departmentally.

INCONVENIENCE TO PUBLIC

VII. The contractor shall not deposit materials on any site, which will seriously inconvenience the public. The Engineer-in-charge may require the contractor to remove any materials, which are considered by him to be a danger or inconvenience to the public or cause them to be removed at the contractor's cost.

VIII. Any damage to work resulting from rains or from any other cause until the work is taken over by the Puducherry Smart City Development Limited after completion will be made good by the contractor at his own cost.

IX. The contractor shall deposit royalty and obtain necessary permit for supply of sand, HBG metal, red earth, etc. from local authorities.

X. The contractor shall get himself acquainted with the nature and extent of the work and satisfy himself about the availability of quarry and of kiln for collection and conveyance of materials required for the construction. The contractor's quoted rate should take into account all these factors and will not be allowed for extra lead for collection and conveyance of materials for any reason whatsoever.

XI. The contractor will be permitted to set up labour camp only before a week from the commencement of work and not exceeding fifteen days after the completion of the work.

XII. The contractor shall conform to the provision of any government acts which relate to works and to the regulations and bye-laws of any local authorities. The contractors shall give all notices required by the said acts or laws etc., pay all fees payable to such authorities and allow for these contingencies in his tendered rates including fees for encroachments, costs of restoration etc., and all other fees payable to the local authorities.

XIII. Where surplus earth of a suitable quality exists at the site of work, the contractor shall be allowed to use same free of cost making mud mortar for masonry and for laying mud terracing over the roof. The Engineer-in-charge shall be the final authority to decide whether the earth obtained from excavation is surplus or not.

The surplus earth excavated which is beyond the requirement of Puducherry Smart City Development Limited, may be allowed by the Engineer-in-charge to be disposed of by the contractor on his own or to sell the surplus earth to private parties at his discretion, but nothing extra will be paid for carriage or disposal of the surplus earth, if the same is not required for Puducherry Smart City Development Limited works.

The debris should be removed from the site on day to day basis without affecting the public in general.

The mixing of concrete should be done at a separate site avoiding stacking of material at road side.

Wherever fine sand has been mentioned in the schedule of quantities, it should be conforming to the grading Zone-IV or Zone-V as mentioned in the C.P.W.D. specifications.

XIV. Concrete will be mixed with mixers either operated by hand or mechanical.

XV. The contractor shall not employ women and men below the age of 18 on the work of painting with products lead, in any form wherever men above the age of 18 are employed on the work of lead painting, the following principles must be observed for such use:

- a) White lead sulphate or lead, of products containing these pigments shall not be in painting operation except in the form of paste or of paint ready for use.
- b) Measure shall be taken in order to prevent danger arising from application of paint in the form of spray.
- c) Measure shall be taken wherever practicable against danger arising from dust caused by dry rubbing down and scraping.
- d) Adequate facilities shall be provided to enable working painters to wash during and on cessation of work.
- e) Overalls shall be worn by working painters during whole of the working period.
- f) Suitable arrangements shall be made to prevent clothing put off during working hours being soiled by painting materials.

- g) Cases of lead poisoning and suspected lead poisoning shall be subsequently verified by a medical team appointed by the competent authority.
- h) The Puducherry Smart City Development Limited may require when necessary medical examination of workers.
- i) Instructions with regard to the special hygienic precautions to be taken in the painting trade shall be distributed to working painter.
- j) The standard section weights referred to as standard table of 5.4 in the C.P.W.D specification 2009 be considered for conversion of length of various size of steel bars into weights are as under:-

Nominal size mm	Cross sectional area Sq.mm.	Mass per metre run Kg.
6	28.3	0.222
8	50.3	0.395
10	78.6	0.617
12	113.1	0.888
16	201.2	1.58
20	314.3	2.47
25	491.1	3.85
28	615.8	4.83
32	804.6	6.31
36	1018.3	7.99
40	1257.2	9.86

Issue of steel diameter above 10mm will be regulated on sectional weights basis, weight being calculated with the help of the above tables. However, for bars TMT steel up to and including 10mm the following procedure shall be adopted. The average sectional weights for each diameter shall be arrived at from samples from each lot of steel received at site. The actual weight of steel issued shall be modified to take into account the variations between the actual and the standard co-efficients given above and the contractor's account will be debited by the cost of this modified quantity only. The discretion of the Engineer-in-charge shall be final for the procedure to be followed for determining the average sectional weight of each lot. Quantity of each diameter of steel received at site of work each day will constitute one single lot for this purpose.

1. SPECIAL CONDITIONS APPLICABLE FOR CHILDREN PLAY EQUIPMENT

- a. All products must be tested and certified to meet EN1176 safety standards.
- b. The EN1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only.
- c. The EN-1176 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors.
- d. These EN 1176 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory.
- e. Plastic Components [super thick plastic] shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with “color molded” in not “added in”.
- f. All Joints should be Robotic Welded.
- g. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well.
- h. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be of tamper resistant stainless steel.
- i. All rotational molding is carried out in state of the art, precision, bi axial roto molding machines which helps achieve guaranteed uniform wall thickness, seamless joints, accurate process control, one part construction to make it stress free.

2. SPECIAL CONDITIONS APPLICABLE FOR OUTDOOR GREEN GYM EQUIPMENT

- a. All products must be tested and certified to meet EN16630 safety standards with GS test marks.
- b. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only.
- c. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors.
- d. These EN16630 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory.
- e. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped
- f. All Joints should be Robotic Welded.

- g. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns.
- h. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries.
- i. The limiters must be in accordance with EN16630 safety norms.
- j. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame
- k. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel **304 grade** and shall be tamper resistant stainless steel.
- l. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well.
- m. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge.
- n. High quality grip rubber should be used on handles.
- o. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.

3. Construction Equipment:

- 3.1 The methodology and equipment to be used on the project shall be furnished by the Contractor to the Engineer well in advance of commencement of work and approval of the Engineer obtained prior to its adoption and use.
- 3.2 The Contractor shall give a trial run of the equipment for establishing its capability to achieve the laid down specification and tolerance to the satisfaction of the Engineer before commencement of work, if so desired by the Engineer.
- 3.3 All equipment provided shall be proven efficiency and shall be operated and maintained at all times in a manner acceptable to the Engineer.
- 3.4 No equipment or personnel will be removed from site without permission of the Engineer.

4. Work Program and Methodology of Construction:

The Contractor shall furnish his program of construction for execution of the work within the stipulated time schedule together with methodology of construction each item of work and obtain the approval of the engineer prior to actual commencement of work.

5. Revised Programme of Work in case of Slippage:

In case of slippage from the approved work programme at any stage, the Contractor shall furnish revised programme to make up the slippage within the stipulated time schedule and obtain the approval of the Engineer to the revised programme.

6. Action in case of Disproportionate Progress:

In case of extremely poor progress of the work or any item at any stage of work which in the opinion of the Engineer cannot be made good by the Contractor considering his available resources, the Engineer will get it accelerated to make up the lost time through any other agency and recover the additional cost incurred, if any, in getting the work done from the Contractor after informing him in writing about the action envisaged by him.

~~7. Setting out:~~

~~Setting out the work as spelt out in clause 109 of Ministry's Specifications for Road and Bridge Works 5th Revision will be carried out by the Contractor.~~

8. Public Utilities:

Action respect of public utilities will be taken by the contractor as envisaged in Clause 110 of Ministry's Specifications for Road and Bridge Works 5th Revision.

9. Arrangement for traffic during construction :

Action for arrangement for traffic during construction will be taken by the contractor as envisaged in the contract documents and spelt out in clause 112 of Ministry's Specifications for Road and Bridge Works 5th Revision.

~~10. Quality Control:~~

~~The onus of achieving quality of work will be on the contractor who will take action as stipulated in the Ministry's for Road and Bridge Works 5th Revision.~~

~~11. Ministry's specification for Road and Bridge Works (5th Revision):~~

~~Ministry's specification for Road and Bridge Works 5th Revision will form part of the contract documents and the contractor will be legally bound to the various stipulations made therein unless and otherwise specifically relaxed or waived wholly or partly through a special clause in the contract document.~~

12. Documentation:

The Contractor will prepare drawing (s) of the work as constructed and will supply original with three copies to the Engineer who will verify and certify these drawings. Final as constructed drawing(s) shall then be prepared by the Contractor and supplied in triplicate along with a micro film of the same to the Engineer for record and reference purposes.

- ~~13. The contractor shall make his own arrangement to provide the bitumen required for the work from approved public sector, refineries such as IOC, BP, HPL, etc. and produce the paid voucher to the Engineer-in-charge. The materials so procured shall be got tested before use.~~
- ~~14. The use of rubber modified bitumen shall be as per the guide lines of “IRC SP 53-99”~~
- ~~15. The Contractor shall use “Hydrostatic paver with sensor control” for this work.~~
- ~~16. The Pile shall be terminated at a depth as per the direction of Engineer-in-charge.~~
- ~~17. The defect liability period is Three Years where scope of work involves provision of structural layer i.e. strengthening where the total thickness of bituminous layer is 30 mm and above.~~
- ~~18. The payment for the quantity of Road Work such as Bituminous Macadam (BM/DBM), Bituminous Concrete / Semi Dense Bituminous Concrete, Wearing Course shall be made based on the physical measurement of finished work in position in cum. or sqm. at a specified thickness or based on level measurements, whichever is less.~~

ADDITIONAL CONDITIONS

1. The rate for all items of works shall unless clearly specified otherwise include cost of all labour, materials and others inputs involved in the execution of item.
- 2(a) For the purpose of recording measurements and preparing running account bill the abbreviated nomenclature enclosed with the standard form shall be adopted .The abbreviated nomenclature shall be taken to cover all the materials and operations as per the complete nomenclature of the relevant items in the agreement and other relevant specifications.
(b) In case of extra and substituted items of work for which abbreviated nomenclature is not provided in the agreements, the full nomenclature of items shall be reproduced in the measurement books and bill forms for running account bills.
3. ~~For all doors and windows whether factory made or otherwise, cleats and rubber buffers 30mm dia. shall be provided as directed by the Engineer-in-charge and the rate for the shutter item shall include the cost of providing such wooden cleats and buffers.~~
4. ~~For those doors where hydraulic door closer is provided only wooden cleats need not be provided and no reduction in rate shall be made for the same.~~
5. ~~The particle board shutter shall be provided, with teak wood lipping (beading) at the edge to which hinges are fixed, without any extra cost.~~
6. ~~For works where items of aluminium doors, windows etc., are specified, the grade of anodic coating to be provided in accordance with table I of IS: 1868-1968 together with reference to IS: 5523-1969.~~
7. ~~Where hydrated lime is available, this can be used on the works and the places where hydrated lime is not available, lime concrete will be prepared by the traditional method of slaking the lime preparing the lime putty etc.~~
8. (a) Tendered rates are inclusive of all taxes and levies payable under the respective status. However pursuant to the constitution (46th Amendment) Act 1982, if any further tax or levy is imposed by the statute after the date of receipt of tenders and the contractor thereupon necessarily and properly pays such taxes/levies, the contractors shall be reimbursed the amount so paid provided such payment, if, any, is not, in the opinion of the Engineer-in-Charge (whose decision shall be final and binding) attributable to delay in execution of work within the control of the contractor.
(b) The contractor shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorized representative of Puducherry Smart City Development Limited and further shall furnish such other information/document as the Engineer-in-Charge may require.

(c) The contractor shall within a period of 30 days of imposition of any further tax or levy pursuant to the Constitution (46th Amendment) Act, 1982 give a written notice thereof to the Engineer-in-Charge pursuant to this condition, together with all necessary information relating therein.

9. Stipulated materials shall be issued for use at site of work for all the items where such materials are required. For factory made products like precast cement tiles, precast hollow concrete blocks, precast foam concrete blocks, precast RCC pipes etc., stipulated materials shall not be issued by the Puducherry Smart City Development Limited.

10. While execution of the work, the contractor shall organise his work in such a way that the normal functioning of the premises is not disturbed.

11. Any damage done to the existing structure while dismantling execution of the work shall be made good by the contractor at claim shall be made good by the contractor at his own cost and no extra claim shall be entertained on this account.

12. The contractor must see the site before participating the tender and his viability for executing the work.

13. ~~The item of Anti-termite treatment shall be executed through a specialized firm.~~

14. Rates should be quoted for the items specified in the NIT and shall not be compared with the analysis of rates.

15. Rates for all items should be quoted based on the availability of construction materials in accordance to BIS/C.P.W.D specifications.

16. Rates should also be quoted inclusive of testing charges of all construction materials both at laboratory and in the field. No payment will be made for material testing.

17. The contractor should arrange for shifting of construction materials / concrete etc., near to the work site at his own cost. No extra rate shall be considered for shifting of materials etc.

18. For construction of Buildings /drains/canals/channels/bridges and culverts etc., rates should be quoted inclusive of de-watering and pumping out any type of water encountered during execution. No separate claim/ cost (like Extra/Substituted/Deviated items) will be admitted towards the dewatering etc. or any form of claim at any stage during the execution of work. No extra claim will be admitted for working under foul condition encountered during execution.

19. The Contractors themselves have to identify the place of disposal of un-serviceable materials like debris, waste mud, etc arises in the site. No extra lead and lift shall be considered for such disposal.

20. The Contractor must do their own arrangements at their own cost for signage/barricading etc. for the safety of Public during construction in the construction site of building/road/drain/canal/bridge/culverts etc. No separate claim will be admitted in this regard.

21. The contractor should not discontinue/suspend/slowdown the work on the grounds of non-payment of work bills, as the contractor in terms of Clause 7 of agreement is eligible for interest for the belated payment. If the contractor fails to continue the work in letter and spirit of agreement and other accepted terms and conditions, on the grounds of non-payment of work bills, the contract will be terminated. In the event of non-payment of work bills, the contract as per Clause-I of the Conditions of Contract and accrued Security Deposit will be forfeited.

22. The contractor shall make his own arrangements to provide the steel required for the work from SAIL / IISCO / TISCO / VIZAG / JSW STEEL PLANT and produce the paid voucher to the Engineer-in-Charge. The materials so procured shall be got tested before use.

23. The contractor shall procure 43 grade OPC cement having ISI mark from reputed firms having annual turn over of not less than one million MT and stores it in the site godown as per the guidelines specified in the CPWD specification 2009 under double lock system. The paid voucher of the cement procured shall be produced to the Engineer-in-Charge. The cement procured shall be got tested before use.

24. The contractor shall make his own arrangements to provide the bitumen required for the work from approved public sector, refineries such as IOC, BP, HPL etc., and produce the paid voucher to the Engineer-in-Charge. The materials so procured shall be got tested before use.

25. Necessary test certificates should be produced from the approved laboratory for the quality of materials.

26. Defective materials will be rejected and the same have to be reparable by the contractor at his own cost.

27. Original purchase vouchers should be produced at the time of receipt of materials and at the time of verification by the Engineer-in-Charge. The name of contractor, name of work and agreement number should be clearly noted in the original vouchers.

28. The test specimens shall be provided at free of cost by the contractor.

29. The test for cement has to be conducted for every 1000 bags or part. The test for steel has to be conducted for every consignment of 20 tonne or part thereof for each size/dia.

30. Payment for the item of laying Semi Dense Bituminous Concrete shall be made after conducting the density / compaction measurement test and also the surface roughness measured with Bump Integrator, by the Highways Research Station, Chennai and ensuring that

(a). In respect of density /compaction, the test result conforms to the density prescribed in the mix design and,

(b). In respect of surface roughness measured with Bump Integrator the result shall conform to the values prescribed in Table - 3 of IRC - SP-16-2004.

31. Special Conditions of Contract:

The project envisages experience and commitment to high quality execution of all works. This will be clear if the Bidder studies the drawings and specifications.

~~The Bidders are required to come for a common briefing session (Pre bid meeting) at Puducherry Smart City Development Limited, Puducherry where the special works of the Project will be explained. The Bidders can also at that time ask for clarifications before submitting their bids.~~

31.1 It shall be the responsibility of the contractor to thoroughly study the drawings, technical descriptions, scope of works, engineering and architectural design specifications, and the actual condition of the site and all other requirements and provisions attached to, incorporated into or otherwise made a part of this tender document before submitting their tender bid (here in referred to as bid).

31.2 For all technical, architectural and other doubts and clarifications, the contractor shall contact the Puducherry Smart City Development Limited before submitting their bid.

31.3 It shall be the responsibility of the contractor to inspect the site before submitting their tender, after duly taking prior appointment and permission of the undersigned. The contractor will be deemed to have ascertained the site condition, whether he actually does or does not and no claim whatsoever shall be entertained on the plea of the contractor not being familiar with the site conditions.

31.4 While executing the works, it shall be the responsibility of the contractor to bring to immediate notice of the Puducherry Smart City Development Limited any discrepancies, technical problems and all other unexpected or unforeseen issues pertaining to the said work.

31.5 It shall be the responsibility of the contractor to mobilize sufficient numbers and quantity of required levelling, compacting, tamping, vibrating equipments and scaffoldings etc. for executing the civil works. These costs shall be included in the relevant item rates quoted by him. No extra payment shall be made for this.

31.6 The contractor shall make his own arrangements for water / electricity for constructions work at his own cost as per his requirement and shall bear all consumption charges.

31.7 Irrespective of whether the item description mentions or not, all works incidental to a particular item will be deemed to have been included and no claim whatsoever on any account shall be entertained for completion of that item. Cost of watchmen, store keeper, tools and tackles etc. shall be included in the items quoted.

31.8 The contractor shall take into note that during execution of works, if need arises, unforeseen civil works may have to be carried out by him as per the instructions of the Puducherry Smart City Development Limited.

31.9 The quality of material used and the workmanship, especially finishing of all the work shall be of the highest order as laid out by the technical and architectural specifications to the satisfaction of the Puducherry Smart City Development Limited/

consultant. All works should be completed neat and clean to the satisfaction of the Puducherry Smart City Development Limited / consultant.

31.10 All the works shall be carried out in accordance with relevant specifications of Bureau of Indian Standards latest versions/consultant's specification. Any deviation from these specifications will have to be specifically approved by the Puducherry Smart City Development Limited.

31.11 It shall be the responsibility of the contractor to adhere to all standard safety and labour norms laid down by Government and practiced within the premises of the client and have adequate insurance against accidents, fire and third party liability.

31.12 All the works shall be carried out in a workman like manner and all the defective or shoddy work / material as and when noticed by the consultant shall be removed / replaced by the contractor expeditiously at his own cost.

31.13 The contractor's liability for defective work / material shall extend to 365 calendar days from the date of virtual completion. The contractor shall at his own initiative, obtain the certificate of virtual completion from the Puducherry Smart City Development Limited.

31.14 The works shall be executed without damaging the existing landscape including the greenery etc.

31.15 Submitting the bid does not entitle the bidder to award of the work. The decision of selection of the contractor and awarding the work solely rests with the Puducherry Smart City Development Limited.

32. Work Program and Methodology of Construction:

The Contractor shall furnish his program of construction for execution of the work within the stipulated time schedule together with methodology of construction each item of work and obtain the approval of the engineer prior to actual commencement of work.

33. Revised Programme of Work in case of Slippage:

In case of slippage from the approved work programme at any stage, the Contractor shall furnish revised programme to make up the slippage within the stipulated time schedule and obtain the approval of the Engineer to the revised programme.

34. Control over the dismantled materials:

It shall be the responsibility of the contractor to collect / store / keep under his safe custody the dismantled materials such as wood / steel section / doors & windows etc., till from the date of dismantling to the date of handing over to the client department or until the auction of materials by PSCDL. Any loss in this regards shall be born by the contractor.

ADDITIONAL CONDITIONS II

ADOPTION OF PSR ABBREVIATED NOMENCLATURE

The Puducherry Schedule of Rates Abbreviated Nomenclature for buildings and road works shall be adopted in recording of measurements and preparation of running account bills, etc., wherever applicable as per C.P.W.D. Works Manual 2014.

PARTICULAR SPECIFICATIONS

1. The work executed shall be measured as per metric dimensions given in the schedule of quantities. The FPS units wherever indicated in the drawings are for guidance only.
2. Unless otherwise specified, all the rates quoted by the contractor shall be for items of work at all levels and heights of the building.
3. The work shall be executed as per the C.P.W.D. specifications 2009 (with correction slips and subsequent publications). In case of discrepancies between the specifications of a particular item as indicated in the C.P.W.D. specifications mentioned above and as indicated in the nomenclature of the item the latter shall prevail.
4. All stone aggregate, M-sand etc., shall be obtained only from approved quarries. All the materials shall be got approved by the Engineer-in-Charge before they are actually procured and used at site.
5. The grading of M-sand to be used for mortars and concrete shall be determined at the site of work by the Engineer-in-Charge and sand conforming to these gradings only shall be used on the work.
6. Necessary washing, screening, etc., of metal and M-sand shall be done at site as per requirements of the Engineer-in-Charge.
7. Bricks shall have crushing strength of class designation.
8. The work of water supply and internal sanitary installations and drainage shall be carried out as per bye-laws of the local Municipal body.
9. All manufactured materials used in the work shall have ISI/BIS mark. In case of materials for which no manufacturer has been licensed to manufacture the materials with ISI marking, the materials shall conform to the provisions of C.P.W.D./MORTH/IRC/CPHEEO specifications or the ISI code (in the absence of C.P.W.D.

specifications or other specification mentioned above for any particular material). In the case of all materials, tests shall be conducted to ensure that they conform to the specifications of codes mentioned above.

10. All materials, which are to be tested before use on the work should be procured at least 2 months before use on the work so that enough time is available for testing them before they are actually used.

11. The cost of samples and all other incidental charges such as packing, transportation to the laboratory etc., shall be borne by the contractor.

12. The architectural drawings Nos. based on which the work is to be executed are available with the Engineer-in-Charge and can be inspected by the prospective tenderers up to the date of submission of tenders at his office during working hours.

Use and testing of all the manufactured materials used in the work shall be regulated as per specifications 2009.

13. Before receiving final payment for the work, contractor shall give an undertaking to the effect that at his own cost he will rectify the defects in walls, roof like leakage, cracks etc. Which may come to light during the first monsoon after the completion of work and for this purpose part of the security deposit which may be deemed reasonable by the Engineer-in-Charge shall be retained till the first monsoon is over as security against the contractor's failure to act upon the undertaking. This undertaking and consequent retention of part of the security deposit shall not invalidate the contract.

~~The timber to be used on the work shall be of first class wood of species mentioned in the particular item. The timber shall be kiln seasoned as per B.I.S. 1141 – 1973 and shall be treated with non-leach able type preservative by vacuum pressure method as per B.I.S. 401 – 1982.~~

FACTORY MADE PANELLED SHUTTERS FOR DOORS

~~14. The shutters shall be fabricated generally as per I.S. 1003 (Part I) – 1997 and as per Architect's drawings. The timber to be used shall be of first class wood of species mentioned in the particular item which shall be kiln seasoned and preservative treated. The panels shall be as specified in the item number. Samples of shutters shall be got tested as per I. S. 1003 (Part I) – 1997. The rate quoted for the item shall include the element of cost of shutter to be sent for testing and no claim on this account shall be entertained at a later date.~~

~~15. Pressed clay tiles to be used on the work shall conform to I. S. 2690 (Part I) – 1975. However, the water absorption of the tiles when tested by the method described in the Appendix 'A' of the said I. S. 2690 (Part I) 1975 shall not exceed 18% (Eighteen percent.).~~

16. Shahabad stone slabs, marble slabs etc. on treads and risers of steps and shelves shall be in single pieces.

P.V.C. PIPES INTERNAL WORK AND EXTERNAL WORK

17. The specification in respect of laying and jointing rigid P.V.C. threaded pipes both internal and external shall be as per C.P.W.D. specifications. The rigid P.V.C. threaded pipes shall conform to relevant ASTM standard and shall be ORIPLAST or equivalent.

~~18. Wherever RCC walls, fins and facial are monolithic the portion of RCC are to be measured as per the sketch attached in Page No.~~

~~19. The top surface of the RCC roof slab shall be screeded to be uniform when the concrete is green, so as to have a proper bond with the roof treatment. Nothing extra shall be paid on this account.~~

~~20. For aluminium doors, fixed glazing, fixed windows, sliding windows, louvered type ventilators and partitions etc. all aluminium sections shall be to the required size, thickness and weight as shown in the relevant Architect's Drawings.~~

~~21. The weight of stays given in C.P.W.D. specifications 2009 shall be for cast brass stays only.~~

~~— The weight of the mild steel and anodized aluminium stays shall be as follows:-~~

Casement stays (Straight peg type)	Mild steel with tolerance of plus or minus %	Anodized aluminium with tolerances of plus or minus %
(a) 300 mm long	0.13 Kg/each	0.06 Kg/each
(b) 250 mm long	0.10 Kg/each	0.05 Kg/each
(c) 200 mm long	- The casement window fasteners	0.04 Kg/each 0.155 kg/each

Form of Earnest Money Deposit

Bank Guarantee Bond

~~WHEREAS, contractor..... (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (date) for the "Providing and Fixing of Play Equipment at Bharathi Park and Open Gym Equipment at Children's Park, Chellan Nagar & Rajiv Gandhi Children's Park, Lawspet, Puducherry" (name of work) (hereinafter called "the Tender")~~

~~KNOW ALL PEOPLE by these presents that we (name of bank) having our registered office at (herein after called the bank) are bound unto (Chief Executive Officer, PSCDL) in the sum of Rs. (Rs. in words) for which payment well and truly to be made to the said Chief Executive Officer, PSCDL the Bank binds itself, his successors and assigns by these presents.~~

~~SEALED with the Common Seal of the said Bank this day of 20....
THE CONDITIONS of this obligation are:~~

~~(1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of Tender;~~

~~(2) If the contractor having been notified of the acceptance of his tender by the Chief Executive Officer, PSCDL:~~

~~(a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required;~~

~~OR~~

~~(b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor;~~

~~We undertake to pay to the Chief Executive Officer, PSCDL either up to the above amount or part thereof upon receipt of his first written demand, without the Chief Executive Officer, PSCDL having to substantiates his demand, provided that in his demand the Chief Executive Officer, PSCDL will note that the amount claimed by his is due to him owing to the occurrence of one or any of the above conditions, specifying the occurred condition or conditions.~~

~~This Guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Chief Executive Officer, PSCDL notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.~~

~~DATE~~

~~WITNESS~~

~~(SIGNATURE, NAME AND ADDRESS)~~

~~SIGNATURE OF THE BANK~~

~~SEAL~~

~~*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.~~

FORM-I

Form of Performance Security (Guarantee)

Bank Guarantee Bond

In consideration of the Puducherry Smart City Development Limited (~~hereinafter called "The Government"~~) having offered to accept the terms and conditions of the proposed agreement between.....and (hereinafter called "the said Contractor(s)") for the work..... (hereinafter called "the said agreement") having agreed to production of an irrevocable Bank Guarantee for Rs. (Rupees.....

..... only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1. We, (hereinafter referred to as "the Bank") hereby undertake to pay to the Puducherry Smart City Development Limited an amount not exceeding Rs. (Rupees..... Only) on demand by the Puducherry Smart City Development Limited.

2. We,(indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Puducherry Smart City Development Limited stating that the amount claimed as required to meet the recoveries due or likely to be due from the said contractor(s). Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....

(Rupeesonly)

3. We, the said bank further undertake to pay the Puducherry Smart City Development Limited any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) shall have no claim against us for making such payment.

4. We, (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Puducherry Smart City Development Limited under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Chief Executive Officer on behalf of the Puducherry Smart City Development Limited certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5. We, (indicate the name of the Bank) further agree with the Puducherry Smart City Development Limited that the Puducherry Smart City Development Limited shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Puducherry Smart City Development Limited against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Puducherry Smart City Development Limited or any indulgence by the Puducherry Smart City Development Limited to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7. We, (indicate the name of the Bank) lastly undertake not to revoke this guarantee except with the previous consent of the Puducherry Smart City Development Limited in writing.

8. This guarantee shall be valid up tounless extended on demand by the Puducherry Smart City Development Limited.

Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated theday offor.....(indicate the name of the Bank)

FORM-II

Bid Security Declaration Form

Date:_____ Tender No._____

To (The Chief Executive Officer, PSCDL, Puducherry)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Security Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with PSCDL for a period of two year from the date of notification if I am / We are in a breach of any obligation under the bid conditions, because I/We

- a) Have withdrawn/modified/amended, impairs or derogates from the tender, my / our Bid during the period of bid validity specified in the form of bid; or
- b) Having been notified of the acceptance of our bid by the PSCDL during the period of bid validity (i) fail or refuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am / we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) sixty days after the expiration of the validity of my / our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on_____ day of _____(insert date of signing)

Corporate Seal (where appropriate)

Note: The above Bid Security Declaration should be furnished in Non Judicial Stamp Paper, not less than Rupees One Hundred.

Declaration to be submitted by the Contractor:

I have carefully read all the pages, conditions of this Tender Document and inspected the site before quoting the rates for this tender and accordingly quoted the rates to suit the site condition.

CONTRACTOR

FORM-III

Power of Attorney for Lead Member of Consortium

Dated this _____ day of _____ 2021

Know all persons by these present that
We, _____ and _____ (hereinafter collectively referred to "the
consortium ") hereby appoint and authorize _____ as our attorney.

Whereas the PSCDL has invited applications from interested parties for Providing and
Fixing of Play Equipment at Bharathi Park and Open Gym Equipment at Children's Park,
Chellan Nagar & Rajiv Gandhi Children's Park, Lawspet, Puducherry.

Whereas the members of the consortium are interested in bidding for this project in
accordance with the terms and conditions of this tender along with its amendments,
addenda and related documents,

And whereas it is necessary for the members of the consortium to appoint and
authorize one of them to do all acts, deeds and things in connection with the aforesaid
Project,

We hereby nominate and authorize _____ as our constituted
attorney in our name and on our behalf to do or execute all or any of the acts or things
in connection with making an application to PSCDL to follow up with PSCDL and
thereafter to do all acts, deeds and things on our behalf until culmination of the
process of bidding and thereafter till the license agreement is entered into with the
successful bidder.

And we hereby agree that all acts, deeds and things done by our said attorney shall be
construed as acts, deeds and things done by us and we undertake to ratify and confirm
all and whatsoever that our said attorney shall do or cause to be done for us by virtue
of the power hereby given.

All the members of this consortium will be jointly and severally liable for execution of
this assignment in all respects.

In witness hereof we have signed this deed on this _____ day of _____ 2021.

[Signature]

For and on behalf of

[Company]

[Signature]

For and on behalf of

[Company]

Note: The above **Power of Attorney** should be furnished in Non Judicial Stamp Paper, not less than Rupees One Hundred.

FORM-IV

Memorandum of Understanding

Know all men by these present that we, _____and_____ (herein after collectively referred to “the consortium”) for execution of tender.

Whereas the PSCDL has invited tenders from the interested parties for Providing and Fixing of Play Equipment at Bharathi Park and Open Gym Equipment at Children's Park, Chellan Nagar & Rajiv Gandhi Children's Park, Lawspet, Puducherry.

Whereas the members of the consortium are interested in bidding for the work of Providing and Fixing of Play Equipment at Bharathi Park and Open Gym Equipment at Children's Park, Chellan Nagar & Rajiv Gandhi Children's Park, Lawspet, Puducherry in accordance with the terms and conditions of the RFP/tender.

This Consortium agreement is executed to undertake the work and role and responsibility of the firms so as to execute the work with due diligence, specification and terms & condition of the RFP.

And whereas it is necessary under the conditions of the RFP/tender for the members of the consortium to appoint and authorize one of them as Lead Member to do all acts, deeds and things in connection with the aforesaid tender _____is the Lead Member of the Consortium.

We hereby nominate and authorize _____as our constituted attorney in our name and on our behalf to do or executive all or any of the acts or things in connection with the execution of this Tender and thereafter to do all acts, deeds and things on our behalf and thereafter till the satisfactory completion of work.

And we hereby agree that all acts, deeds and things done by our said attorney shall be construed as acts, deeds and things done by us and we undertake to ratify and confirm all and whatsoever that my said attorney shall do or cause to be done for us by virtue of the power hereby given. All the members of this consortium will be jointly and severally liable for execution of this assignment in all respects.

In witness hereof we have signed this deed on this _____day of _____.

[Signature]

By the with named _____through its duly constituted attorneys in the presence of _____.

[Signature]

By the with named _____through its duly constituted attorneys in the presence of _____.

Notes

For the purposes of Memorandum of Understanding and Power of Attorney:

1. The agreements are to be executed by the all members in case of a Consortium.
2. The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants and when it is so required the same should be under common seal affixed in accordance with the required procedure.
3. Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favour of the lead member.

Note: The above **Memorandum of Understanding** should be furnished in Non Judicial Stamp Paper, not less than Rupees One Hundred.

SCHEDULE "A"

NAME OF WORK: PROVIDING AND FIXING PLAY EQUIPMENT AT BHARATHI PARK AND OPEN GYM EQUIPMENT AT CHILDREN'S PARK, CHELLAN NAGAR & RAJIV GANDHI CHILDREN'S PARK, LAWSPET, PUDUCHERRY.

ABSTRACT OF ESTIMATE

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
					In Fig	In Word	
1	Non-PSR-1	Supply & Fixing of Challenging Course - 02: Upright structural posts of height 0.55 m, 1.47 m , 1.55 m, 1.83 m, 2.0 m, 2.10 m, 2.36 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Deck of size 1.16 m x 1.16 m, Half deck of size 1.10 m x 0.95 m at different levels of 0.3 m and 0.6 m shall be an all-ROBOTIC welded assembly fabricated from perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pre pressed, punched, and welded, powder coated to 2.2mm thickness or vinyl plastic coated to a thickness of 4mm. Handrail of height 1.09 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes. Signage of "welcome" board are made from HDPE , Standing Pods of size od Dia 666 mm and Height 540 mm (9 Nos), Support Legs of height 76 mm, 190 mm, 240 mm and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes. Toprails Of Monkey Bars of size 1.9 m x 0.99 m, Net climber of size 2.30 m x 0.25 m x 1.88 m (3 Nos), Monkey loop of size 2.03 m x 1.05 m x 1.95 m (3Nos), Semi circle of Balance beam ,2 Nos of Balance bridge comprise of ropes of Dia 16 mm and rose wood coated with varnish, Rope obstacle of Semi circle, Wavey climber comprise of ropes of Dia 16 mm, Rope bridge comprise of ropes of Dia 16 mm are all robotic welded fabricated from 48MM O.D. galvanized steel pipes for the outer bars and 32 mm OD galvanized steel for the inner parallel bars. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 of tamper resistant stainless steel. Exposed hardware shall be covered with safety caps as per EN1176 standards. All joints are Robotic welded. ALL COMPONENTS MEET WITH EN-1176 SAFETY STANDARDS. PLAY EQUIPMENT DIMENSIONS: 17.60 m x 11.30 m x 2.75 m with the following standards : 1. All products must be tested and certified to meet EN1176 safety standards. 2. The EN1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The EN-1176 certificates must be in the name of the supplier by themselves or through their authorized dealers or contractors. 4. These EN 1176 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. Plastic Components [super thick plastic] shall be rotationally molded from antistatic, copolymer, virgin linear low destiny UV stabilized polyethylene, with "color molded" in not "added in". 6. All Joints should be Robotic Welded. 7. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 8. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be of tamper resistant stainless steel. 9. All rotational molding is carried out in state of the art, precision, bi axial roto molding machines which helps achieve guaranteed uniform wall thickness, seamless joints, accurate process control, one part construction to make it stress free.	1.00	no			

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
2	Non-PSR-2	<p>Supply and Fixng of Mini Ski: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorised dealers or contractors. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Upright structural posts of height 1.40 m is to be schedule HOT DIP Galvanized steel with a 114mm O.D. and 2.2mm (wall) thickness of the tubing. The Standing Bars 991 mm and Dia 60 mm fabricated from 40 O.D. galvanized steel pipes Upper part of Support Handrails of size 1.04 m high and Dia 38 mm fabricated from 40mm O.D. and 32 mm O.D. galvanized steel pipes. The poles are welded on to a base plate made from steel with 114mm inner diameter. An Internal limiter prevents the equipment from moving uncontrollably. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre- assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. EQUIPMENT DIMENSIONS: 1.07 m x 0.78 m x 1.40 m with following standards 1. All products must be tested and certified to meet EN16630 safety standards with GS test marks. 2. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors. 4. These EN16630certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped 6. All Joints should be Robotic Welded. 7. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns. 8. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. 9. The limiters must be in accordance with EN16630 safety norms. 10. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame 11. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be tamper resistant stainless steel. 12. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 13. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge. 14. High quality grip rubber should be used on handles. 15. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.</p>	2.00	nos			

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
3	Non-PSR-3	<p>Supply and Fixng of Arm and Pedal Bike: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorised dealers or contractors. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Horizontal Structural post of length 1.10 m supporting Upright structural posts of height 1.23 m and Dia 60mm is to be schedule HOT DIP Galvanized steel with a 114mm O.D. and 2.2mm (wall) thickness of the tubing. Pedals of size 108 mm & Bars of size 197 mm. The poles are welded on to a base plate made from steel with 60mm inner diameter. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. EQUIPMENT DIMENSIONS: 1.43 m x 0.65 m x 1.23 m with following standards</p> <p>1. All products must be tested and certified to meet EN16630 safety standards with GS test marks. 2. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors. 4. These EN16630certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped 6. All Joints should be Robotic Welded. 7. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns. 8. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. 9. The limiters must be in accordance with EN16630 safety norms. 10. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame 11. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be tamper resistant stainless steel. 12. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 13. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge. 14. High quality grip rubber should be used on handles. 15. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.</p>	2.00	nos			

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
4	Non-PSR-4	Supply and Fixng of Waist Twister: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorised dealers or contractors. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Upright structural posts of height 1.35 m is to be schedule HOT DIP Galvanized steel with a 114mm O.D. and 2.2mm (wall) thickness of the tubing. Circular Handrail Dia 42 mm fabricated from 42 O.D. galvanized steel pipes. The poles are welded on to a base plate made from steel with 114mm inner diameter. An Internal limiter prevents the equipment from moving uncontrollably. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre- assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Equipment Dimensions: 1.44 m x 1.29 m x 1.35 m with following standards 1. All products must be tested and certified to meet EN16630 safety standards with GS test marks. 2. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors. 4. These EN16630 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped 6. All Joints should be Robotic Welded. 7. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns. 8. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. 9. The limiters must be in accordance with EN16630 safety norms. 10. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame 11. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be tamper resistant stainless steel. 12. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 13. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge. 14. High quality grip rubber should be used on handles. 15. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.	2.00	nos		

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
5	Non-PSR-5	<p>Supply and Fixng of Leg Stretch: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorised dealers or contractors. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Upright structural posts of height 1.10 m is to be schedule HOT DIP Galvanized steel with a 114mm O.D. and 2.2mm (wall) thickness of the tubing. Handrail rails of Dia 32 m. The poles are welded on to a base plate made from steel with 114mm inner diameter. Welded. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre- assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. EQUIPMENT DIMENSIONS: 0.93 m x 0.81 m x 1.13 m with following standards</p> <p>1. All products must be tested and certified to meet EN16630 safety standards with GS test marks. 2. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors. 4. These EN16630 certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped 6. All Joints should be Robotic Welded. 7. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns. 8. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. 9. The limiters must be in accordance with EN16630 safety norms. 10. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame 11. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be tamper resistant stainless steel. 12. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 13. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge. 14. High quality grip rubber should be used on handles. 15. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.</p>	2.00	nos			

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
6	Non-PSR-6	<p>Supply and Fixng of Rider: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorised dealers or contractors. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Upright structural posts of height 0.5 m is to be schedule HOT DIP Galvanized steel with a 114mm O.D. and 2.2mm (wall) thickness of the tubing. A single seat of size 330 mm x 250 mm fixed to the top of the vertical post and two Pedals & Bars of size 145 mm x 50 mm and Dia 38 mm fabricated from 40 O.D. galvanized steel pipes. The poles are welded on to a base plate made from steel with 114mm inner diameter. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre- assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. EQUIPMENT DIMENSIONS: 0.91 m x 0.65 m x 1.27 m with following standards</p> <p>1. All products must be tested and certified to meet EN16630 safety standards with GS test marks. 2. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors. 4. These EN16630certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped 6. All Joints should be Robotic Welded. 7. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns. 8. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. 9. The limiters must be in accordance with EN16630 safety norms. 10. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame 11. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be tamper resistant stainless steel. 12. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 13. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge. 14. High quality grip rubber should be used on handles. 15. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.</p>	2.00	nos			

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
7	Non-PSR-7	<p>Supply and Fixng of Seated Chest Press: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorised dealers or contractors. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Upright structural posts of height 1.88 m is to be schedule HOT DIP Galvanized steel with a 114mm O.D. and 2.2mm (wall) thickness of the tubing. Two pair of U-Shaped Bars of 1.02 m and Dia 40 mm while the handles are placed at a spacing of 698 mm fabricated from 40 O.D. galvanized steel pipes. The poles are welded on to a base plate made from steel with 114mm inner diameter. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre- assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. EQUIPMENT DIMENSIONS: 1.82 m x 0.69 m x 1.88 m with following standards 1. All products must be tested and certified to meet EN16630 safety standards with GS test marks. 2. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors. 4. These EN16630certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped 6. All Joints should be Robotic Welded. 7. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns. 8. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. 9. The limiters must be in accordance with EN16630 safety norms. 10. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame 11. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be tamper resistant stainless steel. 12. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 13. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge. 14. High quality grip rubber should be used on handles. 15. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.</p>	2.00	nos			

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
8	Non-PSR-8	<p>Supply and Fixng of Health Walker: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorised dealers or contractors. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Upright structural posts of height 1.25 m is to be schedule HOT DIP Galvanized steel with a 114mm O.D. and 2.2mm (wall) thickness of the tubing. Two numbers of Foot Rest of size 361 mm x 161 mm are attached to the Standing Bars 957mm x 60 mm fabricated from 60 O.D. galvanized steel pipes. The poles are welded on to a base plate made from steel with 114mm inner diameter. An Internal limiter prevents the equipment from moving uncontrollably. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre- assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. EQUIPMENT DIMENSIONS: 1.18 m x 0.553 m x 1.25 m with following standards</p> <p>1. All products must be tested and certified to meet EN16630 safety standards with GS test marks. 2. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors. 4. These EN16630certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped 6. All Joints should be Robotic Welded. 7. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns. 8. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. 9. The limiters must be in accordance with EN16630 safety norms. 10. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame 11. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be tamper resistant stainless steel. 12. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 13. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge. 14. High quality grip rubber should be used on handles. 15. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.</p>	2.00	nos			

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
9	Non-PSR-9	<p>Supply and Fixng of Self Weighted Rower: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorised dealers or contractors. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Horizontal bars of length 1.26 m is to be schedule HOT DIP Galvanized steel with a 60mm O.D. and 2.2mm (wall) thickness of the tubing. Handle Bars of 0.74 m and Dia 38 mm fabricated from 40 O.D. galvanized steel pipes. The poles are welded on to a base plate made from steel with 114mm inner diameter. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre- assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. EQUIPMENT DIMENSIONS: 1.26 m x 0.80 m x 1.59 m with following standards 1. All products must be tested and certified to meet EN16630 safety standards with GS test marks. 2. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors. 4. These EN16630certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped 6. All Joints should be Robotic Welded. 7. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns. 8. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. 9. The limiters must be in accordance with EN16630 safety norms. 10. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame 11. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be tamper resistant stainless steel. 12. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 13. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge. 14. High quality grip rubber should be used on handles. 15. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.</p>	2.00	nos			

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
10	Non-PSR-10	<p>Supply and Fixng of Elliptical Cross Trainer: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorised dealers or contractors. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Upright structural posts of height 1.25 m is to be schedule HOT DIP Galvanized steel with a 114mm O.D. and 2.2mm (wall) thickness of the tubing. Two numbers of Foot rest of size 320 mm x 132 mm are attached to the Standing Bars 998 mm x 40 mm fabricated from 40 O.D. galvanized steel pipes. Lower part of Support Handrails of size 0.8 m high and Dia 47 mm and Upper part of Support Handrails of size 0.51 m high and Dia 32 mm fabricated from 47 mm O.D. and 32 mm O.D. galvanized steel pipes. The poles are welded on to a base plate made from steel with 114mm inner diameter. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. EQUIPMENT DIMENSIONS: 1.02 m x 0.53 m x 1.52 m with following standards</p> <p>1. All products must be tested and certified to meet EN16630 safety standards with GS test marks. 2. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors. 4. These EN16630certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped 6. All Joints should be Robotic Welded. 7. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns. 8. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. 9. The limiters must be in accordance with EN16630 safety norms. 10. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame 11. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be tamper resistant stainless steel. 12. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 13. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge. 14. High quality grip rubber should be used on handles. 15. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.</p>	2.00	nos			

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
11	Non-PSR-11	Supply and Fixng of Bicycle: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier by themselves or through their authorised dealers or contractors. The EN16630 & GS Mark certificates must be submitted during the technical bid and the same must reflect clearly on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Upright structural posts of height 1.31 m is to be schedule HOT DIP Galvanized steel with a 60 mm O.D. and 2.2mm (wall) thickness of the tubing. Two numbers of Pedal of size 113mm x 40mm & Rotating Disc of Dia 380 mm fabricated from 40 O.D. galvanized steel pipes. The poles are welded on to a base plate made from steel with 114mm inner diameter. Welded. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. The limiters must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre- assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. EQUIPMENT DIMENSIONS: 1.11m x 0.51 m x 1.31 m with following standards 1. All products must be tested and certified to meet EN16630 safety standards with GS test marks. 2. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. 3. The GS mark EN16630 certificates must be in the name of supplier by themselves or through their authorized dealers or contractors. 4. These EN16630certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. 5. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped 6. All Joints should be Robotic Welded. 7. All metal parts are powder coated using – Great Wall Powder (or equivalent) to the thickness of 80-120 microns. 8. Equipment which have sway and moving parts, must have built in safety limiters that prevent unwanted and excessive movement, which can cause injuries. 9. The limiters must be in accordance with EN16630 safety norms. 10. Seat(s) and footrest, if any – Shall be made of LDPE material and fixed to the main frame 11. Bolts, nuts, screws, washers and etc used for assembly shall be stainless steel 304 grade and shall be tamper resistant stainless steel. 12. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as a safety feature against protruding hardware, aesthetic pleasing against ugly exposed hardware and prevention against vandalism as well. 13. All open ends of pipe to be closed with GI/LLDPE caps, base plate cover shall be made of virgin LLDPE plastic by rotational molding with minimum 8mm thickness, UV resistant and colour as approved by Engineer-in-Charge. 14. High quality grip rubber should be used on handles. 15. Foothold shall be fixed on ground with concrete 1:2:4 and J shaped welded bolts and installed as per manufacturer specifications.	2.00	nos			
12	2.8.1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil	23.00	cum			
13	2.25	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 upto 50m and lift upto 1.5m.	7.00	cum			
14	2.31	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth upto 30cm measured at a height of 1m above ground level and removal of rubbish upto a distance of 50 m outside the periphery of the area cleared.	160.00	sqm			

SL NO.	CODE NO	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
15	4.1.3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - all work upto plith level - 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)	16.00	cum			
16	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - all work upto plith level - 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)	32.00	cum			
17	4.3.2	Centring and shuttering including strutting , propping etc. and removal of form work for - retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	65.00	sqm			
18	11.61	Providing and laying 22 mm thick factory made pre-polished cement concrete flooring tiles of required colour and design over 20 mm thick cement mortar 1:4 (1 cement : 4 sand) and jointed with cement slurry mixed with an admixture of pigment to match the shade of the tile - (Endura \ Ultra \ Dazzle \ Technic)	160.00	sqm			
19	13.17	6 mm cement plaster 1:3 (1 cement : 3 fine sand) finished with a floating coat of neat cement and thick coat of lime wash on top of walls when dry for bearing of R.C.C. slabs and beams	51.00	sqm			
20	13.52.2	Finishing with epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface , etc.complete - on concretel work	51.00	sqm			
21	30.7	Supply of Quarry rubbish including stacking to department gauge for premeasurement and spreading required thickness	20.00	cum			
22	Non-PSR-12	Disposal of earth/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.	16.00	cum			

This NIT contains 22 items and approved for an amount of Rs.65,41,763 /-
(Rupees Sixty five lakhs forty one thousand seven hundred and sixty three only)

**CHIEF EXECUTIVE OFFICER
PSCDL**



1. Challenging Course Play Equipment (17.60 m x 11.30 m x 2.75 m)



2. Mini Ski (1.07 m x 0.78 m x 1.40 m)



3. Arm and Pedal Bike (1.43 m x 0.65 m x 1.23 m)



4. Waist Twister (1.44 m x 1.29 m x 1.35 m)



5. Leg Stretch (0.93 m x 0.81 m x 1.13 m)



6.Rider (0.91 m x 0.65 m x 1.27 m)



7.Seated Chest Press (1.82 m x 0.69 m x 1.88 m)



8. Health Walker (1.18 m x 0.553 m x 1.25 m)



9. SelfWeighted Rower (1.26 m x 0.80 m x 1.59 m)

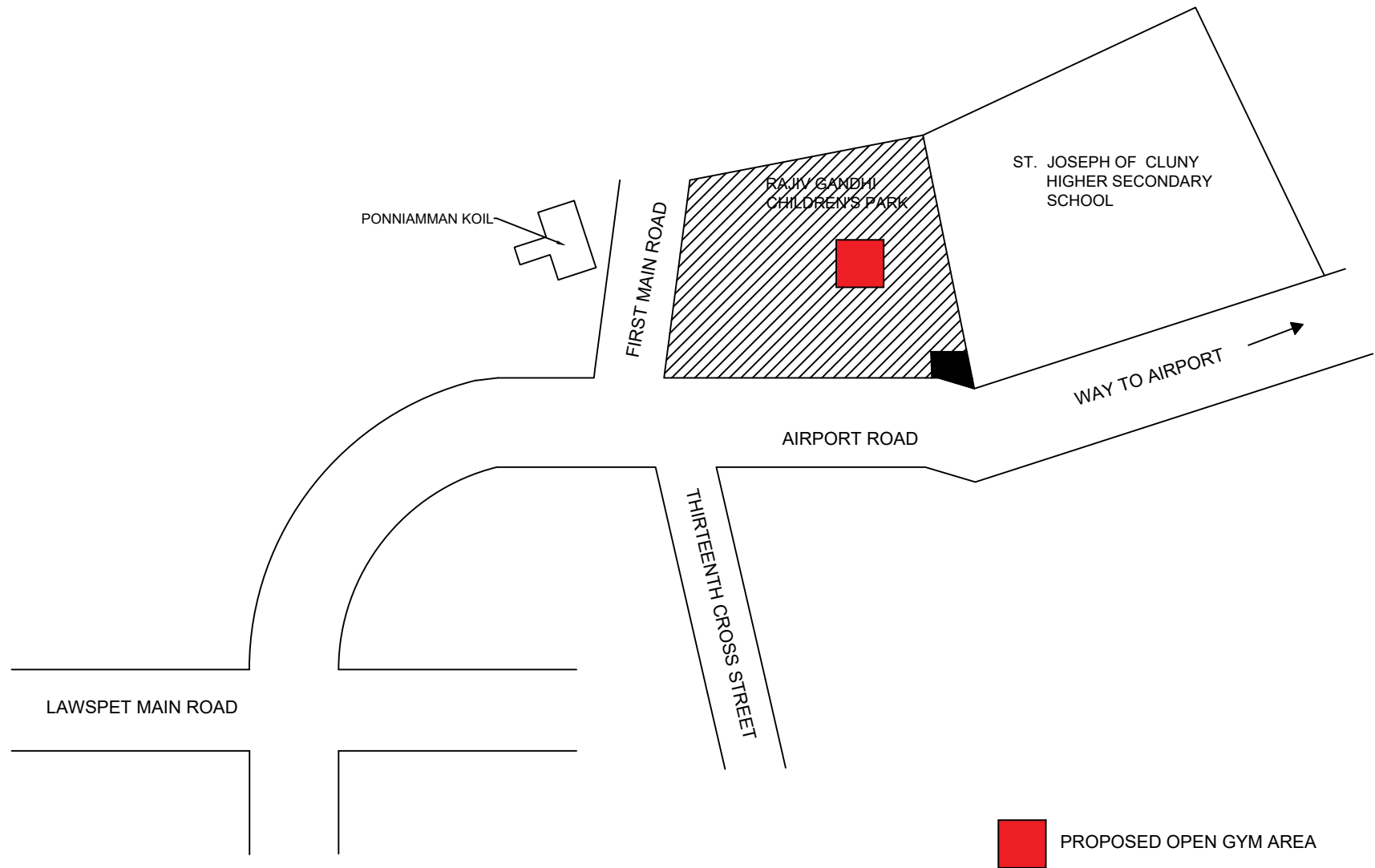


10. Elliptical Cross Trainer (1.02 m x 0.53 m x 1.52 m)

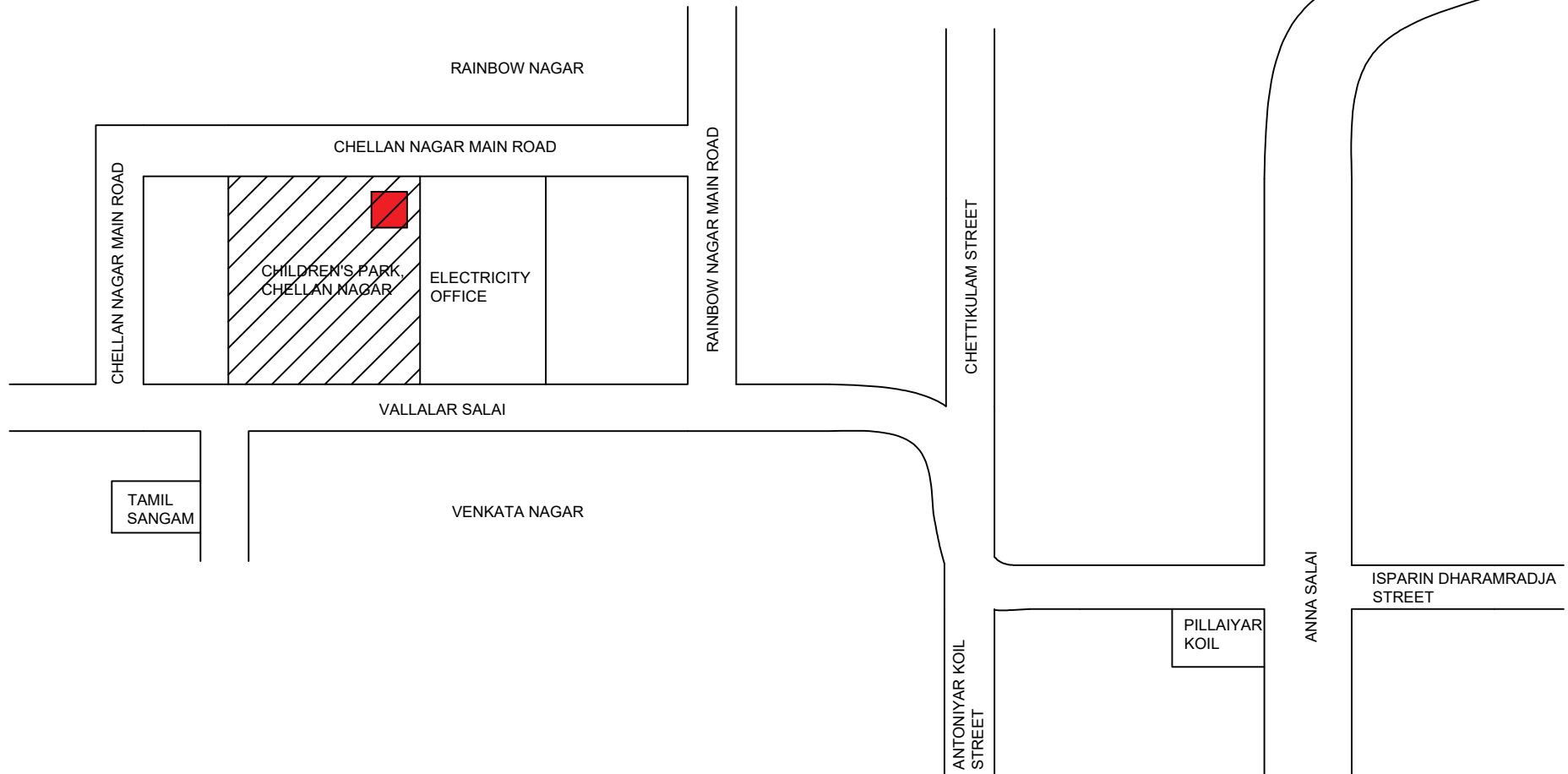



11. Bicycle (1.11m x 0.51 m x 1.31 m)

RAJIV GANDHI CHILDREN'S PARK - SITE PLAN



CHILDREN'S PARK, CHELLAN NAGAR - SITE PLAN



 PROPOSED OPEN GYM AREA