

**Enclose in Bid Document**

<b>Detailed NIB</b>	
Name & Address of the Procuring Entity	<ul style="list-style-type: none"> <li>➤ Name : Executive Engineer (Garden-I), Jaipur Development Authority</li> <li>➤ Address: Room No. CCC-TF-306, CCC Building, Ram Kishore Vyas Bhavan, Indira Circle, JawaharLal Nehru Marg, Jaipur 302004 (Rajasthan)</li> <li>➤ Email:- : rameshwarlal.mathur@mailjda.org</li> </ul>
Subject Matter of Procurement	<ul style="list-style-type: none"> <li>➤ <b>Development work for Nehru Balodhyan, JDA, Jaipur.</b></li> <li>➤ Job No.: 164/2017-18</li> </ul>
Bid Procedure	<ul style="list-style-type: none"> <li>➤ Single Stage tender (eg. Two part (Envelope) open competitive) eBid procedure at <a href="http://eproc.rajastha.gov.in">http://eproc.rajastha.gov.in</a></li> </ul>
Bid evaluation Criteria ( Selection Method)	<ul style="list-style-type: none"> <li>➤ L1 ( eg. Least Cost based Selection ( LCBS)-L1)</li> </ul>
Websites for downloading Bidding Document, Corrigendum's, Addendums, etc.	<ul style="list-style-type: none"> <li>➤ Websites: <a href="http://www.sppp.rajasthan.gov.in">www.sppp.rajasthan.gov.in</a>, <a href="http://www.eproc.rajasthan.gov.in">www.eproc.rajasthan.gov.in</a>, <a href="http://www.jda.urban.rajasthan.gov.in">www.jda.urban.rajasthan.gov.in</a></li> </ul>
Website for online Bid application and payment	<ul style="list-style-type: none"> <li>➤ Website : <a href="http://www.jda.urban.rajasthan.gov.in">www.jda.urban.rajasthan.gov.in</a></li> <li>➤ For participating in the Bid, the Bidder has to apply for this Bid and pay the Bidding Document Fee, RISL Processing Fee and Bid security deposit online only.</li> <li>➤ Bidding Document fee : Rs 1000/- (Rupees One thousand only)</li> <li>➤ RISL Processing Fee : Rs 1000/- ( Rupees One Thousand only)</li> <li>➤ Requisite Bid Security Deposit :</li> </ul>
Estimated Procurement Cost	<ul style="list-style-type: none"> <li>➤ INR 14698344.00 (One Crore forty six Lacs ninety eight thousand three hundred forty four only)</li> </ul>
Bid Security Deposit	<ul style="list-style-type: none"> <li>➤ Amount (INR) : 2 % (Rs 2,93,967/-) of Estimated Procurement Cost, 0.5% ( Rs 73,492/-) of S.S.I. of Rajasthan, 1 % for Sick Industries, Other than S.S.I., Whose cases are pending with Board of Industrial &amp; Financial Reconstruction.</li> <li>➤ ( * 2% for Bidder Who is A and AA Class contractor registered in other Govt. Department / 0.5 % for Bidder registered as contractor in AA, A &amp; B in JDA. )</li> <li>➤ Micro small medium enterprise situated in Rajasthan tender fee 50% EMD value 0.5%</li> <li>➤ In case of Department's of the State Government and undertakings Corporations, Autonomous bodies, Registered Societies, Cooperative Societies which are owned or controlled or managed by the State Government and Government undertakings of the Central Government shall submit a bid securing declaration in lieu of bid security.</li> </ul>
Date/Time/Place of Pre-Bid	<ul style="list-style-type: none"> <li>➤ NA</li> </ul>
Applying Bid and making Online Payment on JDA Portal ( <a href="http://www.Jda.urban.rajasthan.gov.in">www.Jda.urban.rajasthan.gov.in</a> )	<ul style="list-style-type: none"> <li>➤ Start Date : 01.01.2018 from 3.00 PM onwards</li> <li>➤ End date : 15.01.2018 up to 6.00 PM</li> <li>➤ In case EMD in from BG Original Bank Guarantee is to be submitted in Room No 215N Extension Building, Jaipur Development Authority, JLN Marg, Jaipur by 16.01.2018 to 18.01.2018 upto 5.00 PM</li> </ul>
Bid submission on E-Procurement Portal of GOR ( <a href="http://www.eproc.rajasthan.gov.in">www.eproc.rajasthan.gov.in</a> )	<ul style="list-style-type: none"> <li>➤ Start date : 01.01.2018 from 3.00 PM</li> <li>➤ End date : 15.01.2018 upto 6.00 PM</li> </ul>
Date/Time? Place of Technical Bid Opening	<ul style="list-style-type: none"> <li>➤ NA</li> </ul>
Date/Time/Place of Bid Opening	<ul style="list-style-type: none"> <li>➤ 19.01.2018 at 11.30 AM</li> <li>➤ Room No. CCC-TF-306 IIIrd floor, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur- 302004 ( Rajasthan).</li> </ul>
Bid Validity	<ul style="list-style-type: none"> <li>➤ 120 days from the bid submission deadline</li> </ul>
Time period	<ul style="list-style-type: none"> <li>➤ 03 months</li> </ul>
<p>* Jaipur Development Authority has decided to receive Earnest Money Deposit (EMD) (Bid Security), Tender Fee and RISL Processing fee online through JDA Portal. The bid Security options available in tender for participants are as mentioned below:</p>	

**A. Payment options :**

**Option-1 Bank Guarantee ( BG) against EMD/Bid Security**

Bidder may opt Bank Guarantee (BG) against EMD (Bid Security), for which bidder requires to prepare BG before applying in the tender. The detail of BG requires to be fed on JDA Portal before paying balance amount (Tender Fee + RISL Processing Fee). This amount will be paid through Payment Gateway only, option to make balance payment through EFT (RTGS/NEFT) will not be available.

If bidder does not opt for BG against EMD, options of making complete payment through Payment Gateway or through EFT (NEFT/RTGS) will be available.

• **Option – 2 : Electronic Fund Transfer ( EFT/NEFT/RTGS)**

If the bidder selects payments mode as EFT (NEFT/RTGS), "Paying slip for EFT (NEFT/RTGS)" will be generated by the system for the complete amount. The payment can be made from any Bank any Branch using this Paying Slip through NEFT/RTGS (claim against payment made through EFT in any other JDA bank account will not be acceptable and bidder stands disqualified from participation in the bid applied for). After successful transaction through NEFT/RTGS, as per the standard procedures it may take 4 to 24 hours in process of confirmation of EFT through Auto-Process depending on the time of EFT done. Therefore, option to make payment through EFT (NEFT/RTGS) will be available till 48 hours prior to closing date of bid participation.

• **Option – 3 : Payment Gateway ( Aggregator)**

This facility to make payment through Debit Card, Credit Card, Net banking etc, will be available. User can use this facility from anywhere any time till the closing date & time of bid participation.

**B. Bid participation Receipt**

After confirming payment, the bidder will get Bid participation Receipt on the basis of which user will get the payment details along with other details for bidding on E-Procurement portal of GOR.

- In case of BG as the remaining payment will be done through payment Gateway, on Successful transaction the "Bid Participation Receipt" will be generated on real time basis.
- In case complete payment is done through payment Gateway, on Successful transaction the "Bid Participation Receipt" will be generated on real time basis.
- In case complete payment is done through EFT (NEFT/RTGS), on Confirmation of payment from ICICI bank (Auto Process) "Bid Participation Receipt" will be available on Login of Bidder on JDA Portal.

**Note :-**

1. Bidder (authorized Signatory) shall submit their offer on-line in Electronic formats both for technical and financial proposal.
2. In case, any of the bidders fails to pay tender Fee, BSD, and RISL Processing Fee, Online (Subject to Confirmation) its Bid shall not be accepted.
3. To participate in online bidding process, bidders must procure a digital signature Certificate (Type III) as per information Technology Act-2000 using which they can digitally sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency, i.e. TCs safe crypt, Ncode etc. Bidders who already have a valid Digital signature Certificate (DSC) need not procure a new DSC. Also bidders must register on <http://eproc.rajasthan.gov.in> (Bidders already registered on <http://eproc.rajasthan.gov.in> before 30.09.2011 must register again).
4. JDA will not be responsible for delay in online submission due to any reason. For this, bidders are requested to upload the complete bid well advance in time so as to avoid 11 th hour issues like slow speed: chocking of web site due to heavy load or any other unforeseen problems.
5. Bidders are also advised to refer "Bidders Manual Kit" available at eproc website for further details about the e-tendering process.
6. Training for the bidders on the usage of e-tendering system (procurement) is also being arranged by DoIT&C, GoR on a regular basis. Bidders interested for training may contact e-procurement Cell, DoIT & C for booking the training slot. Contact No. : 0141-4022688 (Help desk 10 am to 6 pm on all working days) e-mail: [eproc@rajasthan.gov.in](mailto:eproc@rajasthan.gov.in). Address: E-Procurement Cell, JDA Yojana Bhawan, Tilak Marg, C-Scheme, Jaipur.
7. The procuring entity reserves the complete right to cancel the bid process and reject any or all of the bids.
8. No contractual obligation whatsoever shall arise from the bidding document/ bidding process unless and until a formal contract is signed and executed between the procuring entity and the successful bidder.
9. Procurement entity disclaims any factual/ or other errors in the bidding documents (the onus is purely on the individual bidders to verify such information) and the information provided therein are intended only to help the bidders to prepare a logical bid-proposal.
10. The provisions of RTPPA Act 2012 and Rules 2013 thereto shall be applicable for this procurement. Furthermore, in case of any inconsistency in any of the provisions of this bidding document with the RTPPA Act 2012 and Rules thereto, the later shall prevail.

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Executive Engineer (Garden-I)  
JDA, Jaipur.

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**Process for Participation & Depositing Payment Online**


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JAIPUR DEVELOPMENT AUTHORITY, has decided to receive Bidding document fee, RISL Processing Fee and Bid Security Deposit (BSD) through online mode only for which the bidder has to get registered himself on JDA portal

[www.jda.urban.rajasthan.gov.in](http://www.jda.urban.rajasthan.gov.in).

**To participate in the bid, bidder has to be:**

1. Registered on JDA website [www.jda.urban.rajasthan.gov.in](http://www.jda.urban.rajasthan.gov.in) (by depositing Rs. 500.00 online, the validity of which remains 3 (three) years).  
For participating in the Bid, the Bidder has to apply for this Bid and pay the Bid Document Fee, RISL Processing Fee and Bid Security Deposit, online only.
2. Registered on e-Procurement Portal of Government of Rajasthan [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in) for online e-Bid submission.

**Methods for depositing on line amount**

**Option-1: Bank Guarantee (BG) against EMD / Bid Security**

Bidder may opt Bank Guarantee (BG) against EMD (Bid Security), for which bidder requires to prepare BG before applying in the tender. The details of BG requires to be fed on JDA portal before paying balance amount (Tender Fee + RISL Processing Fee). This amount will be paid through Payment Gateway only, option to make balance payment through EFT (RTGS/NEFT) will not be available.

If bidder does not opt for BG against EMD, options of making complete payment through Payment Gateway or through EFT (NEFT / RTGS) will be available.

**Option-2: Electronic Fund Transfer (EFT: NEFT/RTGS)**

If the bidder selects payment mode as EFT (NEFT/RTGS), "Paying Slip for EFT (NEFT/RTGS)" will be generated by the system for the complete amount. The payment can be made from any Bank any Branch using this Paying Slip through NEFT/RTGS (Claim against payment made through EFT in any other JDA bank account will not be acceptable and bidder stands disqualified from participation in the bid applied for). After successful transaction through NEFT/RTGS, as per the standard procedures it may take 4 to 24 hours in process of confirmation of EFT through Auto-Process depending on the time of EFT done. Therefore, option to make payment through EFT (NEFT/RTGS) will be available till 48 hours prior to closing date of bid participation.

**Option-3: Payment Gateway (Aggregator)**

The facility to make payment through Debit Card, Credit Card, Net banking etc., will be available. User can use this facility from anywhere any time till the closing date & time of bid participation.

**C. Bid Participation Receipt**

After confirming payment, the bidder will get Bid Participation Receipt on the basis of which user will get the payment details along with other details for bidding on e-Procurement portal of GOR.

- In case of BG as the remaining payment will be done through Payment Gateway, on successful transaction the "Bid Participation Receipt" will be generated on real time basis.
- In case complete payment is done through Payment Gateway, on successful transaction the "Bid Participation Receipt" will be generated on real time basis.

In case complete payment is done through EFT (NEFT/RTGS), on confirmation of payment from ICICI Bank (Auto Process) "Bid Participation Receipt" will be available on Login of Bidder on JDA portal.

While participation in the bid, a receipt will be generated through the system showing the submission details as per Bid Participation Receipt (Sample Enclosed). The bidder is required to fill the instrument numbers for various heads on e-Procurement portal [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in) as mentioned in the receipt.

<b>Jaipur Development Authority, Jaipur.</b>	
<b>Bid Participation Receipt</b>	
	Date & Time:-
<b>Bid Detail</b>	
Bid ID:	Procurement Entity:-
Bid Title:	
Bid Value:	Bid Opening Place:
<b>Bidder Detail</b>	
Name of Entity:	Mobile No.:
Registration Type:	Instrument Amount:
Payment Mode:	Payment Channel:
Instrument No.:	Instrument Date:

<b>Dates Detail</b>		
Sr. No.	Event Name	Event Date
1	Publishing Date	
2	Bid Opening Date	

<b>Specific Instrument for eProc Rajasthan</b>			
<b>Instrument Type</b>			
Instrument Number	Head Name	Amount	Date
	Tender Fee		
	RISL Processing Fee		
	Bid Security Deposit		
Issuer Detail: Jaipur Development Authority		Challan Number:	

More details about Registration Process, Terms and Conditions and FAQ along with contact detail is available on JDA website [www.jda.urban.rajasthan.gov.in](http://www.jda.urban.rajasthan.gov.in).

# JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

## SCHEDULE AND SPECIFICATIONS

**Name of work: Development work for Nehru Balodhyan, JDA, Jaipur.**

### **SCHEDULE 'A' : INFORMATION USEFUL FOR THE CONTRACTORS :**

The tenderer should see the site and fully understand the condition of the site before tending & should include all leads, lifts etc. for the material in his item rate for the items as given in the Schedule-G. Then work shall be carried out in accordance with the B.I.S./ IRC/ MORT&H/ IS/ Rajasthan PWD/ JDA detailed specification and to the entire satisfaction of Engineer-in-charge of the work.

### **SCHEDULE - 'B' : LIST OF THE DRAWING TO BE SUPPLIED BY THE DEPARTMENT:**

The drawings may be seen in the office of under signed.

### **SCHEDULE - 'C' : LIST OF THE DRAWING TO BE SUPPLIED BY THE CONTRACTOR:**

List of the drawing to be supplied by the contractor is Nil.

### **SCHEDULE - 'D' : TEST OF THE MATERIALS :**

The test of the material and working and workmanship shall be conducted by the Engineer-in-charge of work and quality control cell as per norms. The result of such tests should confirm to the standard laid down in the Indian Standard, the detailed specification of the B.I.S./ IRC/MORT&H/IS/ Public Works Department, Rajasthan. Proper quality control is required to be maintained by the Contractor. Qualified personnel as required under the contractor enlistment's rules shall have to be engaged at site by the Contractor. In case of failure, the department reserves the right to engage such staff and to recover wages from the Contractor. The contractor shall provide facility of each test at site. The expenses shall be recovered from the contractor in case of his failure to do so.

### **SCHEDULE - 'E' : SAMPLES OF THE MATERIALS :**

The samples of the material to be used by the contractor shall be deposited 15 days in advance with the Engineer In-charge and should be got approved by him before use.

### **SCHEDULE - 'F' : TIME OF COMPLETION :**

The work should start within 10 days of issue of work order and complete within the prescribed time period. In case of failure, the contractor shall be liable for action under the conditions of agreement and special conditions of the tender.

**SCHEDULE - 'G' : BILL OF QUANTITIES :** Attached separately.

**SCHEDULE - 'H' : SPECIAL CONDITON :** Attached separately.

### **SCHEDULE - 'I' : LIST OF THE MATERIAL TO BE SUPPLIED BY THE DEPTT :**

No material will be supplied by the JDA. Contractor has to arrange all the materials at his own cost.

### **SCHEDULE - 'J' : COST OF BID DOCUMENTS, PROCESSING FEES & BID SECURITY:**

As per details given in Annexure -2

### **SCHEDULE - 'K' : SPECIAL CONDITIONS OF CONTRACT REGARDING DEFECT LIABILITY PERIOD (DLP) :** Attached separately.

**Signature of the Bidder  
With full address**

  
**Executive Engineer (Garden-I)  
JDA, Jaipur**

## SPECIAL CONDITIONS

### **SCHEDULE 'H'**

1. Use of Bitumen mixture Tar mechanical lime grinder, cement concrete mixer & vibrator is essential for the work. Which shall have to be arranged by the contractor at his own level/cost.
2. If there is any typographical error or otherwise in the 'G' Schedule the rate given in the relevant BSR on which Schedule 'G' has been prepared, shall prevail.
3. The contractor shall follow the contractor labour regulation and abolition Act 1970 & Rule 1971.
4. The JDA shall have right to cause an audit technical examination of the work and the final bills of the contractor including all supporting vouchers, abstract etc. to be made within two years after payment of the final bills and if as a result such audit any amount is found to have been over paid / excess in respect of any work done by the contractor under the contract or any work claimed by him to have been done under this contract and found not to have been executed the contractor shall be liable to refund such amount and it shall be lawful for the JDA to recover such sum from him in the manner prescribed in special condition no. 8 or any other manner legally permissible and if it is found that the contractor was paid less than that was due to him under the contract in respect of work executed by him under it, the amount of such under payment shall be paid by the JDA to the contractor.
5. The contractor shall not work after the sunset and before sunrise without specific permission of the authority Engineer.
6. Wherever any claim against the contractor for the payment of a sum of money arises out of under the contracts, the JDA shall be entitled to recover the sum by appropriating in part or whole of the security deposit of the contractor, In the event of the security being insufficient or if no security has been taken from the contractor then the balance of the total sum recoverable as the case may shall be deducted from any sum then due or which at any time there contract with the JDA should this sum be sufficient to recover the full amount recoverable. The contractor shall pay to JDA on demand the balance remaining due. The JDA shall further have the right to affect such recoveries under P.D.R. Act.
7. The rate quoted by the contractor shall remain valid for a period of 4 (Four) months from the date of opening of the tenders.
8. By submission of this tender the contractor agree to abide with all printed conditions provided in the PWD manual from 64 (Chapter 3-para 36) and subsequent modification.
9. No conditions are to be added by the contractor and conditional tender is liable to be rejected.
10. All transaction in this execution of this work and this tender will be liable to Sale-Tax vide section. 2(B) read with sub-clause (4) Sale-tax Rule, 1954.
11. If any tenderer withdraws his tender prior to expiry of said validity period given at S.No. 7 or mutually extended period or makes modifications in the rate, terms and conditions of the tendered within the said period which are not acceptable to the department or fails to commence the work in the specified period, fails to execute the agreement and fails to furnish performance guarantee the department shall without prejudice to any, other right or remedy, be at liberty to forfeit the amount of earnest money given in any form absolutely. If any contractor, who having submitted a tender does not execute the agreement or start the work or does not complete the work and the work has to be put to retendering he will stand debarred from participating in tendering in JDA for six months in addition to forfeiture of Earnest Money / Security Deposit / Performance Guarantee and other action under agreement

12. The contractor shall arrange his own machinery required for the work such as Bitumen Mixer, Hot Mix plants and paver road roller, Tarboiler, sprayer etc.
13. The contractor shall arrange his own storage tanks upto 10 Tonnes capacity for storing bulk bitumen wherever supplied by the department.
14. Rules regarding enlistment of contractor provide that work up to the times limit for which they are qualified for tendering can be allotted to them, Therefore, before tendering the contractor will keep this in mind, and submit the details of the work. Tenders with incomplete or incorrect information are liable to be rejected.
15. Any material not conforming to the specifications collected at site have to be removed by the contractor within a period of 3 days of the instruction, issued by do Engineer -In charge in writing failing which, such material shall be removed by the Engineer-In charge at risk and cost of the contractor after expiry of 3 days period.
16. The material collected at site and paid provisionally shall remain under and ward of the contractor till it is consumed, fully on the work.
17. The rates provided in tender documents are inclusive of all Taxes and royalty.
18. For paver work at least 3 road rollers shall be simultaneously deployed.
19. Bitumen for tack coat or any other purposes, shall be applied only by a bitumen sprayer of a mechanical pressure.
20. No extra lead of earth/material shall be paid over and above as specified in 'G' Schedule Source/borrow pit area for earth shall have to be arranged by the Contractor at his own cost.
21. Undersigned has full right to reject any or all tenders without given any reasons.
22. Mortar of Masonry work and lean concrete will be permitted mixer with hopper.
23. As per Supreme Court decision "All contracts with Governments shall require registration of workers under the building and other construction workers (Regulation of Employment and Conditions of Service) Act, 1996 and extension of benefits to such workers under the act.
24. Special Conditions of Contract regarding Defect Liability Period (DLP) for roads works costing Rs. 25.00 lacs and more shall be applicable.
25. The tenderer are required to submit copy of their enlistment as contractor.
26. Conditions of RPWA-100 will be mandatory & acceptable to the contractor.
27. Any tender received with unattested cutting/overwriting in rates shall be rejected and such bidder will be debarred from tendering for three months in JDA.
28. Bid security shall be 0.50% of value of bid (only registered bidder in JDA) and shall remain valid 120 days beyond the original or extended validity period of the bid.
29. Performance security shall be 10 % of the amount of work order performance security shall remain valid for a period of 60 days beyond the date of completion of all contractual obligation of the bidder including warranty obligation and maintenance and object liability period.
30. All the provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and Rules, 2013 will be applicable. If there is any contradictions in existing special conditions and provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and Rules 2013 provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and Rules 2013 shall be applicable.

**SIGNATURE OF CONTRACTOR**  
With full address & Mobile No.

  
**Executive Engineer (Garden-I)**  
**JDA, Jaipur**  
*ten*

**SPECIAL CONDITIONS OF CONTRACT REGARDING  
DEFECT LIABILITY PERIOD (DLP)**

As per the decision taken in the 201<sup>st</sup> meeting of Executive Committee held on 23.02.2016 w.r.t. agenda no. 201:22, DLP period of various natures of works amounting more than Rs. 25 lakhs has been revised as per following time periods based on nature of works.

This order will supersede the earlier orders issued in this regard i.e. order No. JDA/TA to D(E)/2010-11/D-317 dated 28.04.2011 including Special Condition No. 2.2.2 & 2.2.3 of Annexure-I related to SD refund & forfeiture (other Special Condition of annexure-I of this order will remain valid) and order No. JDA/Ex.En.(Pr.-5 & TA)/2013/D-43 dated 27.02.2013 and also all pertaining orders, in contract agreements or in PWF&AR having DLP period different than what is being enforced through this present order for concerned type of work.

**Table-I**

<b>S.No.</b>	<b>Type of work</b>	<b>Existing DLP Period</b>	<b>As per approved in E.C. held on 23.02.2016</b>
1.	<b>Bridge Work</b>	3 years	5 Years
2.	<b>CD Work</b>	3 years	5 Years
3.	<b>CC Road. PQC Work</b>	3 years	5 Years
4.	<b>CC tiles/Kerbs/medians</b>	3 years	5 Years
5.	<b>Drains</b>	6 Months	3 Years
6.	<b>Roads</b>		
	(i) Two layer WBM/GSB	3 years	6 months or one full rainy season which ever is later
	(ii) For Renewal/Strengthening		
	(a) BT upto 30 mm thickness	3 years	1 Years
	(b) BT above 30 mm to upto 40 mm	3 years	2 Years
	(c) BT above 40 mm to upto 90 mm	3 years	3 Years
	(d) BT above 90 mm thickness	3 years	5 Years
	(iii) New Roads		
	(a) BT upto 90 mm	3 years	3 Years
	(b) BT more than 90 mm	3 years	5 Years
7.	<b>Compound wall</b>	6 Months	3 Years
8.	<b>Building Work</b>		
	(i) Work pertaining to Sanitary work electrical works, Joinery works and painting works.	6 Months	2 Years
	(ii) Work pertaining to Building structure and other civil works	6 Months	5 Years
9.	<b>Electric work except maintenance</b>	6 Months	3 years
10.	<b>Sewer/Water supply all including STP and water supply related work except maintenance works.</b>	6 Months	3 Years

The release of SD amount shall be as per following table :-

**Table-II**

S.No.	DLP Period	Released SD	1 Year	2 Years	3 Years	5 Years
1.	Upto 1 year		100%	40%	20%	10%
2.	Upto 2 year			60%	20%	10%
3.	Upto 3 year				60%	10%
4.	Upto 4 year					20%
5.	Upto 5 year					50%

Various condition for managing DLP are as under :-

- (i) At the time of completion of work, final componnt shall be worked out for each individual item like BT/CC/tiles/ drains etc (as per different categories in Table-I), DLP shall be operative based upon type of individual item ex:- CC-5 years, BT-1/2/3/5 years, Drain-3 years etc.
- (ii) Similarly for all new works, these components should be calculated at the time of TS itself, which should be made part of BID document.
- (iii) If any work, amount is less than Rs. 25 lacs but later on due to extra/excess work, if amount of final work cresses more than Rs. 25 lacs, DLP shall be operative as per rule for each individual items.
- (iv) Similarly if any work is more than Rs. 25 lacs but after finalization amount or work is less than Rs. 25 lacs, DLP should be operative for six months or rainy season whichever is late.
- (v) During DLP period if contractor fails to repair any work even after issue of 7 days written notice, same work shall be got executed by respective Executive Engineer at the contractor's risk and cost. This process shall be applicable throughout the DLP period. After completion of DLP period in such works contractor should be debarred and blacklisted. From JDA for three years as per RTPP rule 2012 and 2013 where he defaults twice in a single agreement or in two different works.
- (vi) Quarterly Inspection as per rules shall be carried out and DLP registers shall be maintained by respective Executive Engineers to monitor the DLP repairs.
- (vii) Special and regular inspection shall also be carried out as per order no. JDA/Ex.En. & TA to DE-I/2014-15/D-223 dated 12.03.2015 and order no. SE (PMGSY) CIRULAR 2006/D-115 dated 04.05.2006 Point no. 3.
- (viii) In case JDA feels to take up work on any existing DLP road due to any reason, following procedure should be adopted:
  - (a) At the time of withdrawal total liability of repairs as per DLP conditions to be carried out and contractor shall be asked to complete the same. After completion of assessed repairs DLP period shall be released after deduction amt. as per table III

**Table-III**

<del>% Recovery on withdrawal of DLP of work order</del>	1 Year	2 Year	3 Year	4 Year	5 Year
DLP period					
1 Year	1.12	-	-	-	-
2 Year	2.55	1.43	-	-	-
3 Year	4.38	3.26	1.83	-	-
5 Year	9	7.88	6.45	4.62	2.47

Note :- Calculation is to be done on quarterly basis.

- (b) In case Contractor fails to carry out these repairs, same shall be carried out at his risk and cost. If the total amt. of such repairs works out to be more than total retained amt. of SD same shall be recovered from other works and as per PDR rules. The amount as per Table III is also to be deducted in addition to this amount.
- (ix) Based upon type of work, DLP conditions for works to be carried out during DLP period with their frequency of respective type of work shall be prepared by respective SE"s after approval of these periods.

This order shall come in force with immediate effect and will be applicable on all new works whose NIB is to be called.

**Signature of contractor with  
Full address.**

  
**Executive Engineer (Garden-I)  
JDA, Jaipur.**

## **Annexure A: Compliance with the Code of Integrity and No Conflict of Interest**

Any person participating in a procurement process shall-

- (a) Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- (b) Not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- (c) Not indulge in any collusion, Bid rigging or anticompetitive behavior to impair the transparency, fairness and progress of the procurement process;
- (d) Not misuse any information shared between the procuring entity and the bidders with an intent to gain unfair advantage in the procurement process;
- (e) Not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- (f) Not obstruct any investigation or audit of a procurement process;
- (g) Disclose conflict of interest, if any; and
- (h) Disclose any previous transgressions with any entity in India or any other country during the last three years or any debarment by any other procuring entity.

### **Conflict of interest.-**

The Bidder participating in a bidding process must not have a Conflict of Interest.

A Conflict of interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

(i) A bidder may be considered to be in conflict of interest with one or more parties in the bidding process if, including but not limited to:

- (a) Have controlling partners/shareholders in common; or
- (b) Receive or have received any direct or indirect subsidy from any of them; or
- (c) Have the same legal representative for purposes of the bid; or
- (d) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder, or influence the decisions of the procuring Entity regarding the bidding process; or
- (e) The bidder participates in more than one bid in a bidding process. Participation by a bidder in more than one bid will result in the disqualification of all bids in which the bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a bidder, in more than one bid; or
- (f) the bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods, works or services that are the subject of the Bid; or
- (g) Bidder or any of its affiliates has been hired (or proposed to be hired) by the procuring entity as engineer-in-charge/consultant for the contract.

## **Annexure B: Declaration by the Bidder regarding Qualifications**

### **Declaration by the Bidder**

In relation to my/our Bid submitted to .....for procurement of .....in response to their Notice inviting Bids No.....Dated.....I/we .....hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012 that :

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## Annexure B: Declaration by the Bidder regarding Qualifications

### Declaration by the Bidder

In relation to my/our Bid submitted to .....for procurement of .....in response to their Notice inviting Bids No.....Dated.....I/we .....hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012 that :

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entry;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the union and the state government or any local authority as specified in the Bidding Document.
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date :

Place :

Signature of bidder

Name :

Designation :

Address :

## **Annexure C : Grievance Redressal during Procurement Process**

The designation and address of the First Appellate Authority is JDC, JDA, Jaipur

The designation and address of the Second Appellate Authority is E.C. JDA, Jaipur

### **(1) Filing an appeal:-**

if any bidder or prospective bidder is aggrieved that any decision, action or omission of the procuring entity is in contravention to the provisions of the Act or the rules or the guidelines issued there under, he may file an appeal to First Appellate authority, as specified in the Bidding document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a bidder as successful the appeal may be filed only by a bidder who has participated in procurement proceedings:

Provided further that in case a procuring entity evaluates the technical bids before the opening of the financial bids, an appeal related to the matter of financial bids may be filed only by a bidder whose technical bid is found to be acceptable.

(2) The officer to whom an appeal is filed under Para (1) shall deal with the appeal as expeditiously as possible and shall endeavor to dispose it of within thirty days from the date of the appeal.

(3) If the officer designated under Para (1) fails to dispose of the appeal filed within the period specified in Para (2), or if the bidder or prospective bidder or the procuring entity is aggrieved by the order passed by the first appellate authority, the bidder or prospective bidder or the procuring entity, as the case may be, may file a second appeal to second appellate authority specified in the bidding document in this behalf within fifteen days from the expiry of the period specified in Para (2) or of the date of receipt of the order passed by the first appellate authority, as the case may be.

### **(4) Appeals not to lie in certain cases:-**

No appeal shall lie against any decision of the procuring entity relating to the following matters, namely:-

- (a) Determination of need of procurement
- (b) Provisions limiting participation of bidders in the bid process
- (c) The decision of whether or not to enter into negotiations
- (d) Cancellation of a procurement process
- (e) Applicability of the provisions of confidentiality

### **(5) Form of Appeals:-**

- (a) An appeal under Para (1) or (3) above shall be in the annexed form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee,
- (c) Every appeal may be presented to first appellate authority or second appellate authority, as the case may be, in person or through registered post or authorised representative.

**(6) Fee for filing Appeal:-**

- (a) Fee for first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of a scheduled bank in India payable in the name of appellate authority concerned.

**(7) Procedure for disposal of Appeal:-**

- (a) The first appellate authority or second appellate authority as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing
- (b) On the date fixed for hearing, the first appellate authority or second appellate authority, as the case may be shall-
  - (i) hear all the parties to appeal present before him; and
  - (ii) peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the appellate authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause (c) above shall also be placed on the state public procurement portal.

## **Annexure D :Additional Conditions of Contract**

### **1. Correction of arithmetical errors**

Provided that a financial bid is substantially responsive, the procuring entity will correct arithmetical errors during evaluation of financial Bids on the following basis:

- (i) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the procuring entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (ii) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (iii) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

If the Bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be disqualified and its bid security shall be forfeited or its bid securing declaration shall be executed.

### **2. Procuring Entity's Right to Vary quantities.**

- (i) At the time of award of contract, the quantity of goods, works or services originally specified in the bidding documents may be increased or decreased, by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the bidding documents. It shall be without any change in the unit prices or other terms and conditions of the bid and the conditions of contract.
- (ii) If the Procuring entity does not procure any subject matter of procurement or procures less than the quantity specified in the bidding document due to change circumstances, the bidder shall not be entitled to any claim or compensation except otherwise provide in the conditions of contract.
- (iii) In case of procurement of goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of goods of the original contract and shall be within one month from the date of expiry of last supply. If the supplier fails to do so, the procuring entity shall be free to arrange for the balance supply by limited bidding or otherwise and the extra cost incurred shall be recovered from the supplier.

### **3. Dividing quantities among more than one bidder at the time of award (In case of procurement of Goods):-**

As a general rule all the quantities of the subject matter of procurement shall be procured from the Bidder, whose Bid accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, then in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more Bidder in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.

FORM No. 1  
[see rule 83]

Memorandum of Appeal under the Rajasthan  
Transparency in Public procurement Act, 2012

Appeal No.....of .....Before  
the.....(First/Second Appellate authority)

- 1- Particulars of appellant :  
(i) Name of the appellant :  
(ii) Official address, if any:  
(iii) Residential address :
- 2- Name and address of the respondent(s):  
(i)  
(ii)  
(iii)
- 3- Number and date of the order appealed  
against and name and designation of the  
office/ authority who passed the order  
(enclose copy), or a statement of a decision,  
action or omission of the procuring Entity  
in contravention to the provisions of the Act  
by which the appellant is aggrieved:
- 4- If the Appellant propose to be represented by  
a representative the name and postal address  
of the representative:
- 5- Number of affidavits and documents enclosed  
with the appeal:
- 6- Grounds of appeal : .....  
(Supported by an affidavit)
- 7- Prayer : .....

Place : .....

Date : .....

**Appellant's Signature**

## JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

NAME OF WORK :- Development work for Nehru Balodhyan, JDA, Jaipur.

### G' Schedule

Based on JDA BSR-2016

S.No	Particulars	Unit	Qty	Rate	Amount
	<b>BSR Items</b>				
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge. 1: 3: 6 or richer mix.	Cum	80.00	397.80	31824.00
2	Plaster on new surface on walls in cement sand mortar 1:4 including racking of joints etc. complete fine finish : 25 mm thick.	Sqm	300.00	121.50	36450.00
3	Supplying and fixing of chain link fencing with angle iron posts 50x50x6mm placed at every 3 Mtr. apart 30cm in ground embedded in cement concrete 1:3:6 (30x30x45cm) corner and every tenth post to be strutted with (50 x 50 x 6cm) angle iron provided and fixed and fitted with posts including earth work in excavation etc. complete with chain link size. 50mm x 50mm x 3.15mm	Sqm	600.00	392.40	235440.00
4	Earth work in excavation by mechanical means (Hydraulic Excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sum on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including taking out the excavated soil and depositing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter. All kinds of soils	Cum	425.00	111.60	47430.00
5	Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level M10 grade Nominal Mix cum 1: 3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	Cum	105.00	2398.50	251842.50
6	Providing and fixing steel gate, grating, and grills made of angles, Kg tees, square bars, flats, or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide	Kg	4000.00	66.60	266400.00
7	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : One or more coats on old work.	Sqm	500.00	18.00	9000.00
8	Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in : Cement mortar 1 : 6 (1 cement : 6 coarse sand)	Cum	24.00	2949.30	70783.20
9	Random rubble dry stone Kharanja under floor.	Cum	68.00	581.40	39535.20

S.No	Particulars	Unit	Qty	Rate	Amount
10	Providing and laying in position Ready mix concrete manufactured in fully automatic Batching Plant and transported to site in transit mixer for having continous agitated mixer, manufactured as per approved mix design of specified grade of RCC work including pumping of R.M.C. from transit mixer to site of laying , excuding the cost of centering, shuttering and reinforcement with all lead and lift including cost of admixtures in recommended portion as per IS 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer in charge. All works upto floor V floor M20 grade Design Mix by using min 400 Kg of cement per cum of concrete	Cum	140.00	3902.40	546336.00
11	Add extra for providing richer mixes respectively at all floor levels Providing M-25 grade concrete by using min 410 kg of cement per cum instead of M-20 grade design mix.	Cum	140.00	51.30	7182.00
12	Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for :Walls (any thickness) including attached pilasters, buttresses plinth and string course.	Sqm	228.00	180.90	41245.20
13	Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete .				
13.1	Jhunjhunu / Jalore (Red / Choclate Colour)1501 Cm2 to 3600 Cm2 Tiles	Sqm	100.00	1905.30	190530.00
13.2	Green / Black 1501 Cm2 to 3600 Cm2 Tiles	Sqm	53.00	2079.00	110187.00
14	Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) all complete up to floor five level. Thermo-mechanically Treated bars (Conforming of relevent IS code)	Kg	1200.00	62.10	74520.00
15	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:Cement Mortar 1:6 ( 1-Cement : 6-Sand).	Cum	54.00	1770.30	95596.20
16	Providing and fixing glazing in aluminium door, window ,ventilator shutters and partitions etc. with PVS / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge.(Cost of aluminium snap beading shall be paid in basic item.) With float glass panes of 5.0 mm thickness ( weight not less than 13.50 kg/sqm)	Sqm	625.00	613.80	383625.00

S.No	Particulars	Unit	Qty	Rate	Amount
17	SITC of Air Cooled split type Air conditioners complete with Indoor unit(IDU), Out door unit (ODU), surface / concealed copper Refrigerant piping with insulation (EP foam pipe section) upto 3 Mtr (IDU to ODU), copper power cable upto 4 Mtr (IDU to ODU), R 22/R-410 Refrigerant, Remote, suitable for 400/230V +10% of 50 Hz ,1 /3 phase AC supply capable of performing cooling, dehumidification, air circulation of following capacity with Scroll / reciprocating / rotary compressor as specified. Floor Standing(Tower Type) 2.2 TR (Complete Group 1)	Each	4.00	120000.00	480000.00
18	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : a) first layer of slurry of cement @ 0.488 kg/sqm mixed with water proffing cement compound @0.253 kg//sqm .This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proffing cement compound @ 0.126 kg/sqm This layer will be allowed to air cure for 4 hours followed by water curing for 48 hours. The rates includes preparation of surface treatment & sealing of all joints ,corners, junction with polymer mixed slurry.	Sqm	864.00	158.40	136857.60
<b>Non BSR Items</b>					
19	Providing & fixing shahbad gold slate stone tile flooring / cladding using tiles of size 300 x 300mm, 12 to 20mm thick, laid on a bed of neat cement mortar 1:4 including nicely finished joints with groove pointing in white cement mixed with pigment to match the shade of tile complete in required pattern and slope, as per approved drawing and as directed by Engineer in charge. As per Drawing No.7	Sqm	94.00	1018.00	95692.00
20	Providing & laying Grey Bijoliya stone flooring using average stone size 550x550x25 mm with in approved pattern & design laid over 20 mm thick of CM 1:4 with grooved joint as per e in required slope including raking & finishing of joints etc complete in all respect & as directed by Engineer incharge. As per Drawing No.19	Sqm	193.00	1018.00	196474.00
21	Providing & layingBlack kaddapa stone flooring using average stone size 550x550x25 mm with in approved pattern & design laid over 20 mm thick of CM 1:4 with grooved joint as per e in required slope including raking & finishing of joints etc complete in all respect & as directed by Engineer incharge.As per Drawing No.11	Sqm	268.00	1044.00	279792.00
22	P/F 75 mm thick & of size 250 x 600 mm polished Black Kaddapa stone dasa with gola, laid over 20 mm thick base of CM 1:4 as per enclosed drawing No including making gola, raking & finishing of joints to match the colour of stone etc complete in all respect & as dircteted by Engineer incharge.	Sqm	15.00	1949.00	29235.00
23	SITC of Water Cooler t165 Ltr. Capacity Make Voltas	Each	1.00	55319.00	55319.00
24	Providing and fixing Squarer Shape GAZEBO of size 18ft x 18ft base plate size 300x300mm floral and ornate frieze of size 250 mm as per Drawing No.18 complete in all respect & as directed by Engineer incharge.	Each	1.00	683020.00	683020.00

S.No	Particulars	Unit	Qty	Rate	Amount
25	Providing & fixing Children play equipment Trellis/Pargola/Machan/Musium made out of MS hollow square/Round pipes & MS Plate as per Architectural drawing having polyster powder coating finish with PU Paint as per Drawing including fabrication,Casting and fixing etc complete in all respect & as directed by Engineer incharge	Kg	6800.00	98.00	666400.00
26	Providing and fixing GUIDE MAP of size 2100 x 1200mm including ACP 3 mm thick sheet overlapping 5 mm thick acrylic sheet of size 1200 x 750 mm, ECO vinyl printed sheet sealed on four side with 8 nos studs surrounded with 25x25x5 mm MS box section frame on vertical post of 75x 75x 6 mm MS box (2 in no.), with 1150mmx700mm guide map in 8mm thk. MDF in CNC/Laser cutting, as per Drawing complete in all respect & As per direction of Engineer in charge.	Each	5.00	31108.00	155540.00
27	Providing & fixing in position 800mm hight Wayfinding Signage Type - 3 having 8 mm thk. adjustable M.S. sheets size 300mmx300mm clamped to the 150mmx200mm medium duty MS pole to be finished in Wooden colour powder coating with as per drawings, to be bolted on ground with angle sections size 50mmx50mm x 5mm , embedded on 300 mm in base block of size 300x 300 x 450 mm in PCC 1:3:6 (1 cement : 3 carse sand : graded stone aggregate 20 mm nominal size) as per Architectural drawings No.. 36 display board all ready mix primer & lettering radium letter with pasting complete to entire satisfaction of E-I-C.	Each	8.00	6098.00	48784.00
28	Supply and installation of M.S. Dustbin with Bin, of size 900 mm height , width 500 mm, length 500 mm with inner side M.S. basket top width size of 450mm x450mm x900mm , with 25mmx35mm M.S. batten to be fixed on it as per design, with one side opening arrangement for cleaning a confirming to public mobile containers as per IS: 12402, polished chrome -matt colour and battens to be finished in wooden teture(refer design), hinged lid, having ventral gripping system to be fixed with spacing apart on one side of the road. :Dustbin , refer drawing no. 31	Each	8.00	7453.00	59624.00
29	S/F of Cast Aluminum decorative Victorian Dustbin with linking arrangement of chain, having 13.5 inch x16.5 inch& height 30 inch, of weight 50 to 60kg as per approved sample and drawing including painting with blackish golden colour including detachable fiber container complete in all respect as per direction of Engineer in charge.	Each	2.00	19958.00	39916.00
30	Supply and fixing of MS sinage of 75mmx75mm x 3mm thick 2.1 mtr high hollow M.S. pole finished in Black powder coating with wood finish with 600 mm long 25 mm circular rod to hold 500mmx500mm x 8 mm thick MS Sheet, Sinage fixed in 1:3:6 cc block of size 300x300x450mm and including necessary fixing arrangment as shown in drawing no 22 with vinayal printing with sunboard etc complete in all respect & as dirceted by Engineer incharge. Refer	Each	6.00	8274.00	49644.00

S.No	Particulars	Unit	Qty	Rate	Amount
31	Providing & fixing in position 2100mm high Wayfinding Signage Type - 5 having 8 mm thk. M.S. sheets size 200mmx800mm clamped to the 200mmx200mm x 3 mm MS pole to be finished in Wooden colour powder coating as per drawingsno 37 to be embedded in cc block 450x450x600mm of (1:3:6) grade withhold fast etc ,with Vinayal printing with sunboard with pasting complete as per direction of Engineer incharge.	Each	3.00	10720.00	32160.00
32	Providing and laying Brick on edge flooring in pathway using Machine made bricks of size 230 x 112 x 75 mm, having compressive strength > 400 kg/cm <sup>2</sup> and Water absorption <8% (Pioneer or equivalent make) , laid over 20mm thick bed of Cm 1:4 in require pattern and design and as per drawing , finished with white CM 1:3 mixed with pigment of matching shade etc. complete in all respect as per specification and as directed by Engineer incharge	Sqm	59.00	1760.00	103840.00
33	Supply and fixing of sinage made of 75mmx75mm x 3mm thick hollow M.S. pole of 1.23 mtr hight finished in Black powder coating with 500mm ht. Illustration made with 350mmx600mm x 8 mm thick MS Sheet, with venial printing with sun board , the pole size is 1.23 mtr and including necessary fixing arrangment as shown in drawing No 24 with all levels etc complete in all respect & as dirceted by Engineer incharge.	Each	6.00	7796.00	46776.00
34	Providing & laying chokha red stone flooring using average stone size 1000x400x50 mm with in approved pattern & design laid over 20 mm thick of CM 1:4 with grooved joint as per e in required slope including raking & finishing of joints etc complete in all respect & as directed by Engineer incharge.Refer drawing No. 06	Sqm	1013.00	1267.00	1283471.00
35	Supply and fixing of sinage made of M.S. pole 2.55 mtr hight and 90 mm dia medium duty MS pipe ,with care shape monogram of 327mmx 240 mm size made of 8 mm thick MS Sheet , with 300mmx450mm ht. Illustration of P shape made in M.S circular pipe of 75 mm dia . Fixed over 800 mm long square pipe of 50x50x3mm , finished in Black powder coating and including necessary fixing arrangment at all levels as showen in drawing no 33 ,complete in all respect as per dirceted by Engineer incharge.	Sqm	3.00	19491.00	58473.00
36	S/F of Circle Bench having M.S. flats with inner dia 3.0m & 40cm wide, for placing in required position, made in 6 pieces, as per approved sample and drawing resting on Cast iron frame, fixing with nut bolt system including painting with enamel paint of black colour etc complete in all respect as per direction of Engineer in Charge	Each	2.00	53345.00	106690.00
37	S/F of Semi Circle Bench having M.S. flats with inner dia 3.0m & 40cm wide, for placing in required position, made in 3 pieces, as per approved sample and drawing resting on Cast iron frame, fixing with nut bolt system including painting with enamel paint of black colour etc complete in all respect as per direction of Engineer in Charge	Each	8.00	18110.00	144880.00
38	S/F of cast iron Straight backless Bench having M.S. flats with size of 2.0 m long & 30cm wide, for placing in required position, made in 2 pieces, as per approved sample and drawing resting on Cast iron frame, fixing including painting with enamel paint of black colour etc complete in all respect as per direction of Engineer in Charge	Each	4.00	25564.00	102256.00

S.No	Particulars	Unit	Qty	Rate	Amount
39	Providing and supplying of Garden bench made of cast iron having back height of 931 mm and seating height of 450mm (approx.) it may vary at some places having length of 1500 mm, having M.S. Batten 25 nos of rectangular section of 35 mm x 20mm x 2mm size. Place at c/c distance of 50 mm. over supports made of 75 mm x 8 mm sheet as per drawing no 32 complete, fixed at required position in cc (1:3:6) with J hook etc required for fixing class red oxide and with three coats of synthetic enamel of 1st class quality paint in wooden texture colour complete as per directions of engineer in charge.	Each	6.00	12012.00	72072.00
40	P/F of Floral and ornate decorative design classical penguin cast iron sign board having cast iron vertical fluted design base pedestal of height 24" having casted base plate of dia. 12" with four holes of 10mm each drilled, pedestal having threading on top for holding threaded M.S pipe of ht. 4ft., the base pedestal mounted with M.S frame of size 30"x 20" for holding acrylic sheet of thickness 5mm. with vinyl print pasted on top as per matter supplied by the Engg. in charge, the frame top mounted with cast aluminium classical penguin plate of length 22" and height 11", complete sign post as per photo/design enclosed suitably primed and painted in Verdi green finish as per directions of Engg. in Charge.	Each	3.00	27431.00	82293.00
41	P/F of Children play equipment 10mtr to 12 mtr long having two nos. of Platform size 2.0mx 2.0 mtr made of wooden planks surrounded by MS frame with MS ladders with wooden treads on the ht. of 1.8mtrs. to 2.5 mtr. These two platform connected with 20mm to 25mm SS grade 304 ropeway. The ropeway having hanging round wooden steps of 90cm wide and 6-8" dia on the lower ropeway, hanging with 8mm SS grade 304 wire and top hanging wire with round 6 to 8 inch holding rings as per metro rail pattern etc. Both Platform have to fix in concrete size 450x450x900mm in ground complete in all respect including Burger Heritage paint on primed surface as per attached drawing no. 10 and with the direction of engg. in charge.	Each	1.00	270855.00	270855.00
42	Providing and fixing glass mosaic tiles of size (20mmx20mmx4mm) as per design and as per approved pattern & shape including necessary fixing arrangement, with all levels etc complete in all respect & as directed by Engineer incharge.	Sqm	519.00	2510.00	1302690.00
43	P/F Khatu Rainbow stone Facia Lamp Post of size 60x60x60 cm, fixed over existing RCC Pillar in C.M. 1:3 as per approved design & drawing No 09, including necessary fixing arrangement and provision for light fixture, finishing with white cement mortar 1:3 mixed with pigment of matching shade etc complete in all respect, at all levels & as directed by Engineer incharge. complete as per drawing no.07	Nos.	12.00	10124.00	121488.00
44	Supply and fixing of 900 dia jeep tyre half grounded inside ground including necessary fixing arrangement as shown in drawing no 26 at all levels etc complete in all respect & as directed by Engineer incharge.	Nos.	10.00	11264.00	112640.00

S.No	Particulars	Unit	Qty	Rate	Amount
45	Supply and fixing of S Bridge scrambler in five no. MS pole Staircase made of 75 mm dia heavy duty ms pipe of 3.2 mtr high fixed with horizontal S shape pipe with ladder of 30 mm dia 400 mm wide heavy duty ms pipe arranged as shown in drawing no 28 painted complete with first class enamel paint and embeded in ground with cement vconcret blocks etc complete in all respect & as dirceted by Engineer incharge.	Nos.	1.00	28470.00	28470.00
46	Supply and fixing of Rope scrambler in rectangular frame made of MS pole of 100mm dia (heavy duty ),3.2 mtr high attached with horizational pipe in bottom and top 1500 mm long supporting for support of rope scramble painted and welded with MS bar of width 100mm and length 1500mm supporting scrambler wire rope including necessary fixing arrangment , fixed in ground in cement concrete, paint etc complete as shown in drawing no 29 & as dirceted by Engineer incharge.	Nos.	1.00	29994.00	29994.00
47	Provide and fixing of Walking bridge made of MS pole of 100 mm dia heavy duty pipe , the pole height is 3.5 mtr connected with horizontal pipe of 50 mm dia( heavy duty) 4100 mm long for supporting wire rope 20 mm thick. walking bridge made of 10 nos fiber ragin disc of dia 401 mm supported over two nos 20 mm dia wire rope , including ladder and necessary fixing arrangment, grouted in ground in cement concrete as shown in drawing no 30 complete in all respect as dirceted by Engineer incharge.	Nos.	1.00	29414.00	29414.00
48	Supply, installation, testing and commissioning of 1200 mm dia bobbin wound fiberglass and polyster resin anti corrosive sand filter with 6" connections. The filter should be side mounted type flat clamp for cover tightening, FRP foot base and necessary accessories such as glycerin filled pressure gauge, combination of manual sand and water drain etc. Filtration velocity 94m3/hr, Flow Rate 125 m3/hr, Sand requirement 4500 Kgs. and Gravel requirement 1500 Kgs. Make : Saitech / Certikin Graphite or equivalent	Each	1.00	175323.00	175323.00
49	Supply of filter media sand 0.7 mm nominal - Per 25 Kgs Bag	Bag	60.00	828.00	49680.00
50	Supply of Pea Gravel 3.0mm mm nominal - Per 25 Kgs Bag	Bag	40.00	1060.00	42400.00
51	Supply erection, commissioning and testing of Grand Dome fountain 24 mtr. dia with 80 mm pipes manufactured by ISO certified company make inclusive of 292 nos. fountain nozzles with 1/2" aluminium angular bend each fully adjustable for a precision effect. The manifold should be made of MS with. The pipe should be made of Galvanize Iron with flanges, Nut bolts, Gaskets, pipe work, manifold nozzles made of precision machined & including all final epoxy finishing work of pipe surface etc. as per direction of engineer-in-charge. Material of construction of various components Manifold: steel-Epoxy coated Control Valve: Brass/Gunmetal of ISI marked Pipe work: Galvanised iron of 'B' Class with epoxy coating on all surface. Nozzle: Ball Joints nozzles of Engineering Plastic with aluminium bend Mounting Stand: fabricated steel-galvanized /epoxy coating	Each	1.00	683329.00	683329.00

S.No	Particulars	Unit	Qty	Rate	Amount
52	Supply, Installation, commissioning and testing of 7.5 HP Monoblock submersible pump of Kirlosker/KSB make AC 3 phase 380/440 Volt, 50 cycle, each supply with foundation bolt, suction stainless steel mesh filter cover with 10 Mtr. Of 2.5 sq mm submersible cable duly insulated of finolex make as per direction of engineer-in-charge.	Each	6.00	32212.00	193272.00
53	SITC of IP 68 protected LED underwater lighting system manufactured by ISO 9001:2008 certified company di cast housing 9x3W, 12V DC LED lamps with dynamic color changing capability available in quick connecting cable courpled with various mounting accessories, Ability to create 16.7 million uniform, smooth and brilliant colors with out revealing any lamp image. Gland Shall be IP68, including connections with 2.5 sq mm. copper conductor cable etc. as reqd. Luminaries shall have stainless steel AISI 304 top Ring with chrome plated and housing and totally protected by fused epoxy polyester coating on all surfaces. The wall thickness of Luminaries not less than 5 mm. All external nuts bolt and studs of AISI 304 standard stainless steel with high quality elastomer gasket and a toughened glass. Waterproof luminaries shall be waterproof when fully immersed in water per rating IP68 and shall have been tested and certified as such by a Govt. of India Test Laboratory as per direction of engineer-in-charge.	Each	72.00	19190.00	1381680.00
54	Supply and fixing of DMX controller for RGB lights upto 12.50 Amps with 12 volt complete as required. Make : Family fountain, premier fountain.	Nos.	6.00	19180.00	115080.00
55	Necessary Electric Work SITC of flexible cables for lights and submersible cables for pumps. Make Finolex/Polycab .Inclusive of following item 1.5 x 4core flexible cable-600 mtr 4x3 core submersible cable-300 mtr. Waterproof joints-70 Each	Job	1.00	134928.00	134928.00
56	<b>Pool Maintenance Kit</b> SITC of pool maintenance kit comprising of 1.5" (38mm) Floating vacuum hose 15mtr., 18" Plastic Brush, 6" Algare Brush, Telescopic pole of 2.4 to 4.8 mtr. length with deep net and Test kit as per direction of engineer in charge.	Set	1.00	37153.00	37153.00

S.No	Particulars	Unit	Qty	Rate	Amount
57	Design, Manugature, supply, Installation, Testing and commisioning of cubical type totally enclosed free standing, dust free, damp and vermin proof, wather proof, out door and double door type feeder pillar fabricated out of 2mm thick CRCA sheet duly epoxy painted in approved shade, supplying and fixing following witch gears & accessories, wiring, inter connections and including required civil works i.e. excavation, PCC, brick work, plastering, finishing etc complete as per specification and site requirements as required. CRCA Sheet enclosure with powder coating 1) Incommer a) 4-Pole 200 amps MCCB(35KA)-1 No. b) LED type indication lamps (RYB) with protection fues-1 Set c) Digital type voltmeter (0-500 V) with protection fuses-1 No d) Digital type Ammeter (0-200/5 A) -1 NO. e) C Ts for Ammeter- 1 Set. f) 300 AMPs TPN aluminium Bus Bars -1Set Outgoings 2) Star dalta for 6x7.5 HP HP pump set with O/L Relay- 2) Star dalta for 6x7.5 HP HP pump set with O/L Relay- 3) DOL Starter for 2 HP pump set with O/L Relay- 1 Nos. 4) On/OFF push buttons -3 Sets 5) Auto/manual Slector Swithc - 3 Nos. 6) Digital type Ammeter- 1 Nos. 7) C Ts for Ammeter-3 Sets 8) On/OFF/TRIP Indication lamps -3 Nos. 9) Liquid level controller/Dry run preventor -3 Nos. 10) Single phasing preventor - 3 Nos. 11) 100 AMP TP MCCB (10KA) -2 Nos. 12) 40 AMP Contractor -6 Nos. 13) Star data timer -2 Nos. 14) Time switch -2 Nos. 15) 16 AMP DP MCB -1 Nos.	Each	2.00	185305.00	370610.00
58	Providing LLDPE for high-tech nursery (300 micron white) of approved quality having at least 75 % density, fixed over roofing of trallis as per directed by Engineer incharge	Sqm	560.00	75.00	42000.00
59	P/F 1.5 HP Submersible Pump Single Phase with Minimum discharge 35 LPM at 82m head ISI (KSB, CRI, Kirloskar, Plugra)	Nos.	1.00	17463.00	17463.00
60	P/F 20 Cum capacity Gravel Filter of G.I. with 20 nos. mushrooms having gravel size 1-2mm & thickness 600mm of marble chips with total quantity of 150.00 kg comprising with back wash assembly complete in all respect as direction of engineer incharge	Nos.	1.00	52614.00	52614.00
61	P/F 20 cum capacity DISC FILTER of acrylic plastic body with 120mesh fine filter with 150 disc's having back wash valve complete as per direction of engineer incharge.	Nos.	1.00	14040.00	14040.00
62	P/F four way coolnet with antidrip valve nylon based material, flow rate 30lph at 4 kg/cm2 droplet size 100 micron complete as per direction incharge	Nos.	50.00	1034.00	51700.00
63	P/F vibro sprinkler (up side down) with antidrip valve nylon based material having discharge 70-120lph. At 2.50 kg/cm2 complete as per direction of engineer in charge	Nos.	48.00	761.00	36528.00
64	P/F 16mm dia lldpe pipe with 2.5 kg/cm2 having thickness 0.90mm complete with fittings as per direction of engineer in charge	Rmt.	275.00	47.00	12925.00
65	Providing & Fixing following accessoried for sprinkler irrigation system of with pressure of 20 Kg/Cm2 Complete.				
65	1 1/4" Dia PVC PIPE	Rmt.	60.00	236.00	14160.00
66	1 1/4" Dia PVC VALVE	Nos.	4.00	1697.00	6788.00
67	1 1/4" PVC FLUSH VALVE	Nos.	2.00	405.00	810.00

S.No	Particulars	Unit	Qty	Rate	Amount
68	P/F auto cum manual control panel for poly house/green house with ampere meter (30 amp.), voltmeter (440 volt), mcb (20 amp.), isoletor (40 amp.), tokel switches (3nos. - 10 amp.) & 16 amp conector relay assembled in m.s. box of 18 guage thick as per direction of engineer in charge.	Nos.	1.00	57347.00	57347.00
69	Providing and fixing of Cluster of Dolphin made of Fibre rainforced plastic with natural colours of dolphin 4 nos and heights of dolphins is from 1mtr to 3 mtr and as per direction of architect/ engineer in charge.	Nos.	1.00	403733.00	403733.00
70	Operation and Maintenane of fountain Nehru Garden. General cleaning operation and maintenance of all above fountains its include following items: a. General cleaning of floor of fountain body. The cleaning includes brooming and washaing of all elements. b. Operation and Maintenane of water supply system by regulation of source, maintenance of supply inleand other related fittings such as hydrant, tabs, valves etc. c. Operation and maintenance of fountain, pump, fountain lights, electric, panel box, fountain fittings and other relevant fittings, Cleaning and maintenance of water body, water tank and around of water body and fountains nozzles etc. all work related to fountain (civil/ electrical work) as per direction of engineer-in-charge.	Per Month	24.00	19855.00	476520.00
71	FLOATING FOUNTAINS (9 MTR. HIGH): A Low Turbulent large volume Jet with nozzle for best performance to achieve the 9 mt. height. Jet is fitted with flow straighter for smooth flow of water. A heavy jet creates single, narrow, white columnar water effect. Jet fitted on Round shape PUNT of 2100 mm Dia. x 900 mm height. The punt is the floating platform may be called as large at which the fountain unit shall be placed. It should be made of noncorrosive material and have capacity to make the whole unit floating in the lake made up of Non-corrosive Fiber glass with epoxy coating. The PUNT should be filled by poly eurethene foam is made by mixing of two different chemicals to form Foam, which is hard and provide strength to the hollow PUNT. The PUF is light in weight but provide strength after hardening. Thus useful it is most essential component of the sustainability of the structure thus high quality puffing of the punt 80 density is essential with no air gap and filling is to be carried out at the site. Provision for fixing lights in hidden recesses. Floated platform provided with hot dip galvanized protected structure with it. Galvanized Steel sub frame, Mild steel channels having hot deep galvanizing coated angles, pulley, plumber block etc. for winching the pump horizontally. Anchoring system with require aluminium buyos steel cable, clamp eye lugs for casting in anchor block, ½" X 20 ft x 2.0 length steel wire, provision made for Gimbals arrangement for maintain vertically of jet and light. Premier/Family Fountain make complete as required.	Each	1.00	175466.00	175466.00
72	Providing and fixing of GI Ring of 1mtr. Dia with 18 no. Ball joint nozzles of brass dully chromeplated manufactured by Family Fountains/Premier Fountains/Rippes Fountains . The GI Ring with necessary GI pipe fittings, manifolds, connecting pipes, and gate valves etc.	Each	1.00	36905.00	36905.00

S.No	Particulars	Unit	Qty	Rate	Amount
73	Supply and installation of 10 HP submersible monoblock pumpsets of Kirloskar/KSB/Crompton make fit fine stainless steel mesh filter mountable on suction of fountain pump, operative equivalent producing minimum 30mt. high Jet. The pump set must be on gimble system keep the jet vertical. For launching and retrieving the fountain the pump must be winched up to a horizontal position.	Each	2.00	63879.00	127758.00
74	Supply and installation of Electric panel for 10 HP comprises of a sheet metal enclosure with hinged front door, back-wall mounting type with provision for incoming & outgoing cable entry, main switch, overload relays, contactors, overload tripping, CAM operated rotary switch, light sequencer, start stop push button switch & indication lamps etc. complete with internal wiring wiring. Lighting system shall be connected by a separate switch and fuse but shall not be energized unless pumps are first switched on. Electric panels protected against dust and jets of water per rating IP 55 Tested and certified by Govt. of india Test Lab. Electrical panel will be at a distance of as per site condition.	Each	1.00	72172.00	72172.00
75	SITC of LED Luminaries in waterproof enclosure IP 68 (For Jet Fountains)	Each	8.00	11570.00	92560.00
76	<p><b>Walking Barrel</b></p> <p>Technical Specification: •Support pipe :2300mm long vertical 80NB hot dip Galvanized pipe conforming to standard IS 1239 &amp; GI thickness up to 60µ. GI Plated ISF 210x50 is welded to the pipe for mounting plumber block •Roto walking barrel :Rotational Molded drum of Dia. 450 with longitudinal ribs for foot grip.</p> <p>•Plumber block :Single unit, pillow type cast housing Plumber Bock with specific number for aligning the center pipe of Barrel on which Barrel is fixed.</p> <p>•Clamp :Two specially designed clamps joined together with SS 304 graded non rusting nut-bolts conforming to ASTM E-1086:1994, made from Nylon Grade-6 plastic.</p> <p>•Handle :Handle grip conforming to EN 1176-1:1998 attached with 80x20 nylon clamp of Grade-6 clamped to the Deck pipe using SS 304 graded non rusting nut-bolts</p> <p>•Rotational Molded Products :The ROTO products are manufactured using material LLDPE (Linear Low Density Polyethylene) with UV stabilization of Food Grade Non Hazardous Plastic compiled to ROHS. Thickness of the ROTO products varies from 5 mm to 8 mm as per the product. The overall product obtain is a seamless to ensure perfect blend of uniform thickness &amp; durability.</p> <p>•Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness of 60micron.</p> <p>•Pipe Materials or Class: Light Duty ('A' Class) &amp; Medium Duty ('B' Class) Series of pipes only. Wall thickness of pipe varies according to class/ series of pipe used.</p> <p>•Powder coating: It shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns.it is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instruments.</p> <p>•Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt &amp; Nuts / Nylon Lock Nuts are used with PVC Bolt Caps.All open ends of pipe been closed by GI / PVC caps for user safety against entrapment. Certificate: ISO9001:2015 Color: Multicolor for optional or customized &amp; according to RAL shade. Packaging: Safety 3 layer packaging like 1st EPE Foam 2nd HDPE Film and 3rd is Stretch wrap.</p> <p>• Product Area : 1.3m X 0.5m (4.3ft X 1.6ft) • Safe Play Area : 2.3m X 1.5m (7.5ft X 5ft)</p> <p>• Ideal For : 5-12Years • Friends at a time : 1</p>	Each	1.00	50292.00	50292.00

S.No	Particulars	Unit	Qty	Rate	Amount
77	<p><b>Sky rockers</b></p> <p>Technical Specification:</p> <ul style="list-style-type: none"> <li>•Support pipe :2400mm long vertical 80NB hot dip Galvanized pipe conforming to standard IS 1239 &amp; GI thickness up to 60μ. 80NB Pipe welded together with a plate 130 x50x5 thk to form a strong frame withstand both the pitching &amp; yawing moment.</li> <li>•Top pipe : Sky rocker top consist 50NB Galvanized pipe of length 1800mm and two plate 130 x50x5 thk are welded at the ends of top pipe. The top pipe is inserted into a nylon bush which gives the rider a swinging experience to enjoy.</li> <li>•Loop bend :20NB hot dip galvanized pipe of running length 1020mm conforming to IS 1239 with GI thickness upto 60μ.</li> <li>•Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness of 60micron.</li> <li>•Pipe Materials or Class: Light Duty ('A' Class) &amp; Medium Duty ('B' Class) Series of pipes only. Wall thickness of pipe varies according to class/ series of pipe used.</li> <li>•Powder coating: It shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns.it is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instruments.</li> <li>•Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt &amp; Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. All open ends of pipe been closed by GI / PVC caps for user safety against entrapment.</li> </ul> <p>Certificate: ISO9001:2015</p> <p>Color: Multicolor for optional or customized &amp; according to RAL shade.</p> <p>Packaging: Safety 3 layer packaging like 1st EPE Foam 2nd HDPE Film and 3rd is Stretch wrap.</p> <ul style="list-style-type: none"> <li>• Product Area : 1.3m X 0.5m (4.3ft X 1.6ft) • Safe Play Area : 2.3m X 1.5m (7.5ft X 5ft) • Ideal For : 5-12Years</li> <li>• Friends at a time : 1</li> </ul>	Each	1.00	25146.00	25146.00

S.No	Particulars	Unit	Qty	Rate	Amount
78	<p><b>Tiny see saw</b></p> <p>Technical Specification: •Lever :Lever is made up of 80NB pipe of length 1200mm a bend pipe of 25NB is being provided with a 15NB pipe to act as handle for the see saw. base plate is been welded to it so as to bolt it with the spring assembly.</p> <p>•Seat :Tiny see saw seat is made up of rotational molding process which gives it a elegant look. It has been provided with two bolts.</p> <p>•Spring assembly :It consists of top plate, spring &amp; square base plate suitably fixed to each other with U-Bolts. The Spring is made from En45/47 Spring Steel &amp; the two plates are made from MS with GI plating for corrosion resistance</p> <p>•Rotational Molded Products :The ROTO products are manufactured using material LLDPE (Linear Low Density Polyethylene) with UV stabilization of Food Grade Non Hazardous Plastic compiled to ROHS. Thickness of the ROTO products varies from 5 mm to 8 mm as per the product. The overall product obtain is a seamless to ensure perfect blend of uniform thickness &amp; durability.</p> <p>•Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness upto 60micron.</p> <p>•Pipe Materials or Class: Light Duty ('A' Class) &amp; Medium Duty ('B' Class) Series of pipes only. Wall thickness of pipe varies according to class /series of pipe used.</p> <p>•Powder coating: It shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns. It is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instruments.</p> <p>•Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt &amp; Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. All open ends of pipe been closed by GI / PVC caps for user safety against entrapment.</p> <p>Certificate: ISO9001:2015</p> <p>Color: Multicolor for optional or customized &amp; according to RAL shade.</p> <p>Packaging: Safety 3 layer packaging like 1st EPE Foam 2nd HDPE Film and 3rd is Stretch wrap.</p> <p>• Product Area : 1.3m x 0.5m (4.3ft X 1.6ft) • Safe Play Area : 2.3m x 1.5m (7.5ft X 5ft) • Ideal For : 1-3 Years • Friends at a time : 2</p>	Each	1.00	19558.00	19558.00

S.No	Particulars	Unit	Qty	Rate	Amount
79	<p><b>Jambo spring rider</b></p> <ul style="list-style-type: none"> <li>• Product Area : 1m x 0.5m (3.3ft X 1.6ft) • Safe Play Area : 2m x 1.5m (6.5ft X 5ft) • Ideal For : 3-6 Years • Friends at a time : 1</li> <li>Technical Specification: •Jumbo :Jumbo made up of Fiber reinforced plastic(FRP). Jumbo is bolted to the spring assembly. The jumbo provided for gripping is made up of 15 NB GI pipes. Overall Dimensions (L x W x H) : 800 x 465 x 500mm.</li> <li>•Spring assembly :It consists of top plate, spring,footrest &amp; square base plate suitably fixed to each other with U-Bolts. The Spring is made from En47/45 Spring Steel &amp; the two plates are made from MS with GI plating for corrosion resistance.</li> <li>•Powder coating: It shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns. It is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instruments.</li> <li>•FRP products: All the Fibre Reinforced Plastics (FRP) materials are processed by the hand laid process which is considered to be the best of its type. We use international quality of Gel coats which is duly mixed with U.V stabilized pigment to give the required colour to the product. Thickness of the FRP material varies from 3 mm to 5 mm as per the product. The FRP material is tested for abrasion resistance &amp; UTS (ultimate tensile test).</li> <li>•Foundation Stand :Foundation Stand made of 40NB Galvanized pipe with GI coated plates welded on both ends for fixing the square base on top and foundation angles at bottom.</li> <li>•Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness upto 60micron.</li> <li>•Pipe Materials or Class: Light Duty ('A' Class) &amp; Medium Duty ('B' Class) Series of pipes only. Wall thickness of pipe varies according to class / series of pipe used.</li> <li>•Nut and Bolts: Galvanized/ S.S./Allen Bolt/Button Head Allen Bolt &amp; Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. All open ends of pipe been closed by GI / PVC caps for user safety against entrapment. Certificate: ISO9001:2015 Color: As per image shown.</li> <li>Packaging: Safety 3 layer packaging like 1st EPE Foam 2nd HDPE Film and 3rd is Stretch wrap.</li> </ul>	Each	1.00	38417.00	38417.00

S.No	Particulars	Unit	Qty	Rate	Amount
80	<p><b>Orca spring rider</b></p> <p>Technical Specification: •Orca :Orca is made up of rotational molding process. It has been provided with four bolts. Orca is bolted to the spring assembly.</p> <p>•Rotational Molded Products : The ROTO products are manufactured using material LLDPE (Linear Low Density Polyethylene) with UV 16 stabilization of Food Grade Non Hazardous Plastic compiled to ROHS. Thickness of the ROTO products varies from 5 mm to 8 mm as per the product. The overall product obtain is a seamless to ensure perfect blend of uniform thickness &amp; durability.</p> <p>•Rotational Molded Products :The material are UV stabilised to protect it from color fading, chalking, cracking. The overall product obtain is a seamless to ensure perfect blend of uniform thickness &amp; durability.</p> <p>•Foundation Stand :Foundation Stand made of 40NB Galvanized pipe with GI coated plates welded on both ends for fixing the square base on top and foundation angles at bottom.</p> <p>•Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part n :Rubber dip molded swing chain of dia. 6mm &amp; 1450mm Long. 3) Hook :S-Hook of dia 8mm &amp; 145x130 Triangular hook of Grade SS 304. 4) Seat :Rubber Seat made up from the nitrile rubber &amp; It is tested for Shore-a hardness using Durometer.</p> <p>•FRP Joker Face :The FRP Joker Face is made up of Fiber reinforced plastic(FRP).</p> <p>•Pins and Circlips: 12mm diameter pins shall be made from EN8 material &amp; Circlip A10.</p> <p>•Bearing: Bearing is self-lubricated made of SKF/ NTN/ NACHI make shall be provided for smooth &amp; trouble-free movement.</p> <p>•Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness upto 60micron.</p> <p>•FRP product :All the Fibre Reinforced Plastics (FRP) materials are processed by the hand laid process which is considered to be the best of its type. We use international quality of Gel coats which is duly mixed with U.V stabilized pigment to give the required colour to the product. Thickness of the FRP</p>	Each	1.00	36741.00	36741.00
81	<p><b>Toddler swing</b></p> <p>Technical Specification: •Center support :100NB Pipe welded together to form a rigid vertical support frame to withstand pitching, rolling &amp; yawing moment. The with a circular flange &amp; square plate 100NB pipe is hot dip galvanized pipe of height 2775mm conforming to IS 1239 with GI thickness of 60µ. The ISA &amp; tor rods are fixed to the lower end of the pipe so as to make strong foundation. •Top pipe : 50NB Top Pipe with Flange welded at its center &amp; covered both sides with end caps. Pipe can withstand torsional stress created due to swinging motion. This 50NB top pipe is hot dip galvanized pipe of length 2950mm conforming to IS 1239 with GI thickness of 60µ.</p> <p>•Seat assembly : 1) Swing clamp assembly :Swing clamps made up of two parts are joined together with M6 Allen bolts along with S-Hook &amp; a specially designed swing pin.The S-Hook is specially designed to house a bearing for smooth &amp; noiseless swinging. The clamps are made from injection molded Nylon-6 plastic. 2) Chain :Rubber dip molded swing chain of dia. 6mm &amp; 1450mm Long. 3) Hook :S-Hook of dia 8mm &amp; 145x130 Triangular hook of Grade SS 304. 4) Seat :Rubber Seat made up from the nitrile rubber &amp; It is tested for Shore-a hardness using Durometer.</p> <p>•FRP Joker Face :The FRP Joker Face is made up of Fiber reinforced plastic(FRP).</p> <p>•Pins and Circlips: 12mm diameter pins shall be made from EN8 material &amp; Circlip A10.</p> <p>•Bearing: Bearing is self-lubricated made of SKF/ NTN/ NACHI make shall be provided for smooth &amp; trouble-free movement.</p> <p>•Pipes: All metal pipes are Hot Dipped Galvanized Pipes conforming to IS 1239 (Part 1) with GI thickness upto 60micron.</p> <p>•FRP product :All the Fibre Reinforced Plastics (FRP) materials are processed by the hand laid process which is considered to be the best of its type. We use international quality of Gel coats which is duly mixed with U.V stabilized pigment to give the required colour to the product. Thickness of the FRP material varies from 3 mm to 5 mm as per the product. The FRP material is tested for abrasion resistance &amp; UTS (ultimate tensile test).</p> <p>•Pipe Materials or Class: Light Duty ('A' Class) &amp; Medium Duty ('B' Class) Series of pipes only. Wall thickness of pipe varies according to class /series of pipe used.</p> <p>•Powder coating: It shall be done with pure polyester raw material.Dry film Thickness maintained within the range of 50-70 microns. It is tested for adhesion test (According to ASTM-D-3359) with the help of cross hatch cutter instruments.</p> <p>•Nut and Bolts: Galvanized/ S.S./ Allen Bolt/ Button Head Allen Bolt &amp; Nuts / Nylon Lock Nuts are used with PVC Bolt Caps. All open ends of pipe been closed by GI / PVC caps for user safety against entrapment. Certificate: ISO9001:2015 Color: Multicolor for optional or customized &amp; according to RAL shade. Packaging: Safety 3 layer packaging like 1st EPE Foam 2nd HDPE Film and 3rd is Stretch wrap.</p> <p>• Product Area : 3.3m x 1.0m (10.8ft X3.3ft) • Safe Play Area : 4.3m x 2.0m (14ft X6.6ft) • Ideal For : 3-8 Years • Friends at a time : 2</p>	Each	1.00	65659.00	65659.00

S.No	Particulars	Unit	Qty	Rate	Amount
82	S/F of Butterfly shape benches size of 4 to 5 ft height and 5 to 6 ft width, made of mild steel with cutting and bending and welding to desire design and shape Bench having MS sheet 5.00 mm thickness for placing in required position, made in one pieces, as per drawing including painting with enamel paint of multi colour etc complete in all respect as per direction of Engineer in Charge	Each	3.00	61147.00	183441.00
83	Providing & fixing Eco signage of size 1.2m x 1.2m having M.S Sheet 3.0mm thick of size 900x900 mm fixed with 25 mm wide M.S. flat in frame . ornamental boarder in frame of M.S box section 50x50x5mm fix to M.S. pipe 50x3mm, 850 mm long embedded 400 mm deep in ground including eco vinayal print pested on 3 mm sun board , finishing with enamel paint coating over a base coat of primer complete as per Architectural Drawing No 22 . to the entire satisfaction of Engineer in charge.	Each	10.00	6146.00	61460.00
				<b>Total</b>	<b>14698343.90</b>

  
 Executive Engineer (Garden-I)  
 JDA, Jaipur

1. I/We do hereby agree to do above work @ \_\_\_\_\_ % above/below (In Figures) Schedule "G" Amount.

2. I/We do hereby agree to do above work @ \_\_\_\_\_ above/below (In Words) Schedule "G" Amount.

**Signature of Contractor with full Address and Mobile No.**