

Enclose in Bid Document

Detailed NIB	
Name & Address of the Procuring Entity	<ul style="list-style-type: none"> ➤ Name : Executive Engineer (Garden-I), Jaipur Development Authority ➤ Address: Room No. CCC-TF-306, CCC Building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur 302004 (Rajasthan) ➤ Email:- : rameshwarlal.mathur@mailjda.org
Subject Matter of Procurement	<ul style="list-style-type: none"> ➤ Development work for Central Park, JDA, Jaipur. ➤ Job No.: 164/2017-18
Bid Procedure	➤ Single Stage tender (eg. Two part (Envelope) open competitive) eBid procedure at http://eproc.rajastha.gov.in
Bid evaluation Criteria (Selection Method)	➤ L1 (eg. Least Cost based Selection (LCBS)-L1)
Websites for downloading Bidding Document, Corrigendum's, Addendums, etc.	➤ Websites: www.sppp.rajasthan.gov.in , www.eproc.rajasthan.gov.in , www.jda.urban.rajasthan.gov.in
Website for online Bid application and payment	<ul style="list-style-type: none"> ➤ Website : www.jda.urban.rajasthan.gov.in ➤ 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. ➤ Bidding Document fee : Rs 1000/- (Rupees One thousand only) ➤ RISL Processing Fee : Rs 1000/- (Rupees One Thousand only) ➤ Requisite Bid Security Deposit :
Estimated Procurement Cost	➤ INR 22293281.21 Lacs (Two Crore twenty two Lacs ninety three thousand two hundred eighty one and twenty one paise only)
Bid Security Deposit	<ul style="list-style-type: none"> ➤ Amount (INR) : 2 % (Rs 445866/-) of Estimated Procurement Cost, 0.5% (Rs 111466/-) of S.S.I. of Rajasthan, 1 % for Sick Industries, Other than S.S.I., Whose cases are pending with Board of Industrial & Financial Reconstruction. ➤ (* 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 in JDA.) ➤ Micro small medium enterprise situated in Rajasthan tender fee 50% EMD value 0.5% ➤ 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.
Date/Time/Place of Pre-Bid	➤ NA
Applying Bid and making Online Payment on JDA Portal (www.Jda.urban.rajasthan.gov.in)	<ul style="list-style-type: none"> ➤ Start Date : 09.02.2018 from 3.00 PM onwards ➤ End date : 23.02.2018 up to 6.00 PM ➤ 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 26.02.2018 to 28.02.2018 upto 5.00 PM
Bid submission on E-Procurement Portal of GOR (www.eproc.rajasthan.gov.in)	<ul style="list-style-type: none"> ➤ Start date : 09.02.2018 from 3.00 PM ➤ End date : 23.02.2018 upto 6.00 PM
Date/Time? Place of Technical Bid Opening	➤ NA
Date/Time/Place of Bid Opening	<ul style="list-style-type: none"> ➤ 05.03.2018 at 11.30 AM ➤ Room No. CCC-TF-306 IIIrd floor, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur- 302004 (Rajasthan)
Bid Validity	➤ 120 days from the bid submission deadline
Time period	➤ 04 months
* 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:	

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 (TypeIII) 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. 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.


Executive Engineer (Garden-I)
JDA, Jaipur.

Process for Participation & Depositing Payment Online

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.

To participate in the bid, bidder has to be:

1. Registered on JDA website 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 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 as mentioned in the receipt.

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

Dates Detail		
Sr. No.	Event Name	Event Date
1	Publishing Date	
2	Bid Opening Date	

Specific Instrument for eProc Rajasthan			
Instrument Type			
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.

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

SCHEDULE AND SPECIFICATIONS

Name of work: Development work for Central Park, 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

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

As per the decision taken in the 201st 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

S.No.	Type of work	Existing DLP Period	As per approved in E.C. held on 23.02.2016
1.	Bridge Work	3 years	5 Years
2.	CD Work	3 years	5 Years
3.	CC Road. PQC Work	3 years	5 Years
4.	CC tiles/Kerbs/medians	3 years	5 Years
5.	Drains	6 Months	3 Years
6.	Roads		
	(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.	Compound wall	6 Months	3 Years
8.	Building Work		
	(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.	Electric work except maintenance	6 Months	3 years
10.	Sewer/Water supply all including STP and water supply related work except maintenance works.	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

% Recovery on withdrawal of DLP of work order	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 tofor procurement ofin response to their Notice inviting Bids No.....Dated.....I/wehereby 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 :

Signature of bidder

Place :

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.....ofBefore
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 Central Park, JDA, Jaipur

G-Schedule

Based on JDA BSR 2016

S.no.	Particular	Unit	Qty	Rate	Amount
1	Earth work in excavation by mechanical means Hydraulic excavator)/ manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sum on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5 m , disposed earth to be levelled and neatly dressed: All kinds of soil	cum	6,198.060	109.80	680546.99
2	Filling available excavated earth (excluding rock) in trenches, plinth side of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering including lead up to 50 meter and with all lift.	cum	2,792.066	40.50	113078.67
3	Clearing grass and removal of the rubbish upto a distance of 50 m outside the periphery of the area cleared.	sqm	8,107.000	1.17	9485.19
4	CEMENT SAND MORTAR Cement sand Mortar 1 : 3 (1 cement : 3 sand)	cum	5.000	3,034.80	15174.00
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.				
5.01	M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate	cum	84.000	2,882.70	242146.80
5.02	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	cum	39.420	2,058.30	81138.19
6	Providing and laying cement concrete including curing, compaction etc. complete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, levelling course etc up to floor five level excluding the cost of centering and shuttering. M10 grade Nominal Mix 1: 3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	cum	16.000	2,692.80	43084.80
7	Providing and laying in position specified grade of cement concrete for all RCC structural elements upto plinth level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers(if required) excluding the cost of centering, shuttering and reinforcement. M20 grade Nominal Mix / Design Mix	cum	409.465	2,961.00	1212425.87
8	Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. M20 grade Nominal Mix / Design Mix	cum	322.000	3,673.80	1182963.60
9	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 :				

S.no.	Particular	Unit	Qty	Rate	Amount
9.01	Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	sqm	340.000	212.40	72216.00
9.02	Columns, pillars, posts and struts etc.	sqm	175.000	234.00	40950.00
10	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	63,325.000	62.10	3932482.50
11	Brick masonry with F.P.S. bricks of class designation 75 in foundation and plinth with bricks Cement mortar 1 : 4 (1 cement : 4 coarse sand)	cum	248.000	2,767.50	686340.00
12	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 : 4 (1 cement : 4 coarse sand)	cum	51.520	3,112.20	160340.54
13	Half brick masonry in Superstructure , above plinth level upto floor V level using bricks of designation 75 Cement mortar 1 : 4 (1 cement : 4 coarse sand)	sqm	76.650	362.70	27800.96
14	Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in: Cement Mortar 1:4 (1-Cement : 4-Sand).	cum	20.000	1,984.50	39690.00
15	Random Rubble stone masonry with hard stone in superstructure above plinth level and upto five level above 30cm. thick walls in : Cement Mortar 1:4 (1-Cement : 4-Sand).	cum	40.000	2,384.10	95364.00
16	Stone work (machine cut edges) for Wall cladding/ Veneering work up to 10m height with 20 to 30 mm thick Red Sand Stone (Karauli) and backing filled with a grout of 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade :(To be secured to the backing by means of cramps which shall be paid separately)				
16.01	Exposed face rough dressed	sqm	148.000	1,131.30	167432.40
16.02	Exposed face machine cut	sqm	148.000	1,558.80	230702.40
17	stone (Bansi Paharpur) and backing filled with a grout of 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade : (To be secured to the backing by means of cramps which shall be paid separately)				
17.01	Exposed face rough dressed	sqm	148.000	1,154.70	170895.60
17.02	Exposed face Machine cut	sqm	148.000	1,581.30	234032.40
18	Wall lining butch work upto 10m height with Red/ Pink Sand stone 20 to 30 mm thick (machine cut edges) stone strips of minimum length 300 mm and required width including embedding every tenth layer and bottom most layer in masonry or concrete after making necessary chases of size 75x75 mm and by providing layer of 75 mm thick strips i/c 12 mm thick bed of cement mortar 1 : 3 (1 cement : 3 Coarse sand) i/c ruled pointing in cement mortar 1 :2 (1 white cement : 2 stone dust) with an admixture of pigment to match the shade of stone complete as per direction of Engineer in Charge Exposed face rough dressed	sqm	160.300	844.20	135325.26

S.no.	Particular	Unit	Qty	Rate	Amount
19	Providing and fixing stainless steel cramps of required size and shape for anchoring stone wall lining to the backing or securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 coarse sand) including making the necessary chases in stone and holes in walls wherever required	Kg	10.000	489.60	4896.00
20	Providing and fixing copper pins 7.5 cm long 6 mm diameter for securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 coarse sand) including making the necessary chases.	Each	600.000	19.80	11880.00
21	Providing and fixing horizontal chajja of Red/ White sand stone 40 mm thick and upto 80 cm projection in cement mortar 1:4 (1 cement : 4 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade.	sqm	10.000	550.80	5508.00
22	Supplying and fixing stone lintels/bed plates of approved quarry rough dressed in cement mortar 1:4 : Upto 15 cm. thick.	cum	1.200	5,997.60	7197.12
23	Supplying and fixing machine cut fine dressed Red/Pink sand stone dasa or coping, with full moulding if required laid on cement mortar 1:4 including pointing with admixture of pigment matching with the stone shade.				
23.01	25 mm thick	sqm	130.000	775.80	100854.00
23.02	50 mm thick	sqm	41.212	909.00	37461.71
24	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 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Green / Black Above 3601 Cm2 Slabs	sqm	4.800	2,667.60	12804.48
25	Extra for fixing marble /granite stone over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive including cleaning etc. complete	mtr	6.000	16.20	97.20
26	Extra for providing opening of required size & shape for wash basins/ kitchen sink in kitchen platform, vanity counters and similar location in marble/Granite/stone work including necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete	Each Opening	6.000	168.30	1009.80
27	P & F 1st quality Vitrified Porcelain Polished tiles on floor, skirting and steps etc. in different sizes size 600 mm X 600 mm	sqm	840.000	839.70	705348.00
28	Providing & fixing door, window, chowkhats and other frames, including antitermite treatment, M.S. flat, hold fasts of size 250 x 40 x 3mm fixed with M.S. bolt 5mm dia 50mm long duly embedded in cement concrete M-15 grade : Sheesham wood Grade - I.	cum	0.104	63,379.80	6591.50
29	Providing and fixing external grade board solid core single leaf flush door shutters ISI 2202-67 marked using Phenol formal dehyderesin in glue both sides with approved steel fittings complete as per annexure 'A' :35 mm thick Commercial Veneer both side	sqm	10.500	1,188.90	12483.45

S.no.	Particular	Unit	Qty	Rate	Amount
30	Providing and fixing Bamboo jaffery/ fencing consisting of superior quality 25mm dia (Average) half cut bamboo placed vertically and fixed together with three numbers horizontal running members of wood in scantling of section 50X25mm fixed with nails and GI wire to existing surface complete as per direction of EI	sqm	1,148.330	258.30	296613.64
31	Providing and fixing bright finished Mortice lock of approved make Godrej or equivalent with pair of CP handles for doors with necessary screws etc complete (Best make of approved quality) as per direction of Engineer-in-charge.	Each	5.000	314.10	1570.50
32	Providing and fixing steel gate, grating , and grills made of angles, 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	60.000	66.60	3996.00
33	Kota stone slab flooring 25 mm thick over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) For area of each slab from 901 to 2000 Sq.Cm :	sqm	42.240	593.10	25052.54
34	Kota stone slabs 25 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete For area of each slab upto 2001 Sqcm	sqm	4.080	568.80	2320.70
35	Rough Chisel dressed Kota stone 35 mm thick flooring of approved shade set in pattern over 20mm thick base of cement mortar 1:6 (1 cement : 6 coarse sand) and pointing with cement sand mortar 1:3 with pigment to match the shade of stone with joint thickness up to 15 mm complete in all respects :	sqm	285.000	391.50	111577.50
36	SAND STONE FLOORING Rough Chisel dressed Sand stone 35 mm thick flooring of approved shade set over 20mm thick base of cement mortar 1:6 (1 cement : 6 coarse sand) and pointing with cement sand mortar 1:3 with pigment to match the shade of stone with joint thickness up to 15 mm complete in all respects :				
36.01	Red sand stone (Karauli stone)	sqm	614.000	387.00	237618.00
36.02	Pink sand stone (Bansi Paharpur stone)	sqm	90.000	407.70	36693.00
36.03	Mandana stone	sqm	46.000	407.70	18754.20
37	Fine dressed & machine cut edges 30-35 mm thick sand stone flooring over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) jointed grey cement slurry mixed with pigment to match the shade of stone complete as per design drawing and instruction of EI.				
37.01	Red sand stone (Karauli stone)	sqm	281.000	482.40	135554.40
37.02	Pink sand stone (Bansi Paharpur stone)	sqm	281.000	550.80	154774.80
37.03	Mandana stone	sqm	140.000	550.80	77112.00

S.no.	Particular	Unit	Qty	Rate	Amount
38	Providing and fixing of precast concrete interlocking blocks of M30 grade 60mm thick manufactured from fully computerised automatic stationery hydraulic vibropressed machine and fully computerised automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm. thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer incharge. The rates to be inclusive of all lead, Lifts and taxes. General specification of blocks: 1) Shape as defined by Engineer incharge 2) Tensile splitting strength and braking load as per BS 6717:2001 3) Color: Grey cement natural colour 4) Variation in dimension: Less than 1.6mm. 5) Variation in thickness: Less than 3.2mm 6) Abrasion: As per BS: 6717:2001	sqm	2,100.000	337.50	708750.00
39	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement in position to the required line, level and curvature jointed with cement mortar 1:3 (1 cement : 3 coarse sand) including making joints with without grooves (thickness of joints except at sharp curve shall not to more than 5mm) including making drainage opening wherever required complete including painting etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineerin- charge).	cum	39.420	4,104.00	161779.68
40	Random rubble dry stone Kharanja under floor.	cum	1,321.744	581.40	768461.96
41	Plaster on new surface on walls in cement sand mortar 1:4 including racking of joints etc. complete fine finish :				
41.01	20mm thick .	sqm	550.000	107.10	58905.00
41.02	12mm thick .	sqm	367.000	85.50	31378.50
42	6 mm thick cement plaster to ceiling of mix 1:3 (1cement : 3-fine sand)	sqm	192.030	67.50	12962.03
43	Plaster on new surface on wall in cement sand mortar 1:3 including racking of joints etc. complete fine finish : 12mm thick	sqm	733.390	94.50	69305.36
44	Rough cast plaster upto 10m height above ground level with a Ordinary cement finish using ordinary cement	sqm	275.280	212.40	58469.47
45	Forming groove of uniform size 15x15mm and upto 25x15mm in the top layer of washed stone grit plaster as per approved pattern using wooden battens, nailed to the under layer including removal of wooden battens, repair to the edges of panels and finishing the groove complete as per specification and direction of Engineer in charge	R.Mtr.	16.000	16.20	259 20
46	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	sqm	366.695	43.20	15841.22
47	Distempering with dry distemper of approved brand and shade (two or more coats) and of required shade on new work, over and including, priming coat of whitening to give an even shade including all scaffolding.	sqm	324.345	33.30	10800.69
48	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade including all scaffolding: Two or more coats on new work including preparation of base with primer, putty, lippy etc complete in all respect.	sqm	324.345	45.90	14887.44

S.no.	Particular	Unit	Qty	Rate	Amount
49	Finishing wall with water proofing cement paint of approved brand and manufacture and or required shade to give an even shade including all scaffolding: New work (Two or more coats applied @ 3.84 kg/10 sqm).	sqm	825.280	33.30	27481.82
50	Varnishing with varnish of approved brand and manufacture : Two or more coats glue sizing with copal varnish over an under coat of flatting varnish.	sqm	77.450	56.70	4391.42
51	Painting (two or more coats) on rain water, soil, waste and vent pipes and fittings with synthetic enamel paint of approved brand and manufacture and required colour over a priming coat of approved steel primer on new work. 100mm dia. Pipes	mtr	16.000	18.00	288.00
52	Repair of door, window shutters including cost of material and labour for change of damaged :				
52.01	Mild Steel Tower Bolt 6" long	Each	36.000	27.90	1004.40
52.02	Steel Handle 6" size	Each	18.000	17.10	307.80
53	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	cum	5.000	579.60	2898.00
54	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	Kg	300.000	0.63	189.00
55	Dismantling stone slab/ terrazo chip flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 meters lead.	sqm	1,290.000	43.20	55728.00
56	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of : i) Ist course of applying cement slurry @ 4.4 Kg/sum mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. ii) IInd course of 20mm cement plaster 1:3 (1 cement: 3 coarse sand) mixed with water. proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface.. iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 Kg per sqm. of area. iv) IVth course of 400 micron thick PVC sheet .(Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 Kg/sqm.)	sqm	301.500	301.50	90902.25
57	Providing and laying four courses water proofing treatment with bitumen felt over roofs consisting of first and third courses of blown bitumen 85/25 or 90/15 conforming to IS : 702 applied hot 1.45Kg. per square meter of area for each course, second course of roofing felt type 3 grade -I (Hessian based self finished bitumen felt)and fourth and final course of stone grit 6mm and down size of pea sized gravel spread at 6cubes diameter per square meter including preparation of surface, but excluding grading, complete with Bitumen felt (Hessian base) type 3 grade - I conforming to : 1322.	sqm	232.200	232.20	53916.84

S.no.	Particular	Unit	Qty	Rate	Amount
58	Providing and fixing aluminum work for doors ,windows, ventilators and partition with extruded built up standard tubular / appropriate Z sections and other sections of approved make conforming to IS :733 and IS :1285, fixed with rawl plugs and screws or with fixing clips ,or with expansion hold fasteners including necessary filling up of gap. at junctions , at top ,bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth ,rust free, straight ,mitered and jointed mechanically wherever required including cleat angle Aluminium snap beading for glazing /paneling , C.P. brass/ stainless steel screws Al. Tower bolt & Al. handle & Al. Aldrop etc.,all complete as per architectural drawings and the directions of Engineer- in – charge .(Glazing and paneling to be paid for separately).For fixed portion Anodised aluminum (anodised transparent 81 dyed to required shade according to IS : 1868. (Minimum anodic coating of grade AC 15, Anodizing to be got done from approved Anodizer)	Kg	50.000	261.90	13095.00
59	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 glass panes of 4.0 mm thickness (weight not less than 10.0 kg/sqm) as per IS : 2835.	sqm	522.900	522.90	273424.41
60	Providing and fixing to existing door frames 30mm thick factory made polyvinyl chloride (PVC) door shutter made of stiles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2mm +/- 0.2mm with inbuilt decorative moulding edging on one side. The stiles and rails mitred and joined and the corners by means of M.S.galvanized/plastic brackets of size 75x220 mm having wall thickness 1.0mm and stainless steel screws. The stiles of the shutter reinforced by inserting galvanized M.S.tube of size 25x20 mm and 1mm +/- 0.1mm wall thickness. The lock rail made up of 'H' section, a uPVC hollow section of size 100x30 mm and 2mm +/- 0.2mm wall thickness fixed to the shutter stiles by means of plastic/galvanized M.S.tube 'U' cleats. The shutter frame filled with a uPVC multi-chambered single panel of size not less than 610mm, having overall thickness of 20mm and 1mm +/- 0.1mm wall thickness. The panels filled vertically and tie bar at two places by inserting horizontally 6mm galvanized M.S.rod and fastened with nuts and washers.complete as per manufacturer's specification and direction of Engineer-in-charge.(For W.C.and bathroom door shutter)	sqm	6.720	2,059.20	13837.82
61	Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. square tube, the vertical door profiles to be reinforced with 19x19mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100mm size complete as per manufacturers specification and direction of Engineer-in-Charge.	R.Mtr.	20.000	337.50	6750.00

S.no.	Particular	Unit	Qty	Rate	Amount
62	Providing and fixing of openable uPVC Doors with or without fix top manufactured in ISO 9001:2000 & 14001:2004 certified company. Frame : Made of Extruded uPVC Window Profile Section of size 70 x 60mm having outer wall thickness of 2.75mm (+/- 0.2mm) and 3 box multi-chamber construction, White in finish, duly reinforced with 1.2mm thick G/J/U/O TYPE G I section. All the corners shall be mitered cut & thermal welded so as to form door frame. Fix Mullion made of 76 x60mm uP VC Profile Section with steel reinforcement shall be provided for the top fix portion of the doors or in case of the doors having more than two openable shutters, as per the requirement / drawing. Frame of openable door shall have 'O' type EPDM gasket fitted in in-built groove of frame profile for proper air & sound insulation of the shutter. Shutter : The shutters of openable door shall be made of 106 x 60mmE xtruded 3 box multi-chamber uPVC Window Profile Section of white colour having outer wall thickness of 2.5mm (+/- 0.2mm) provided with reinforcement of 1.2mm thick G/J/U/O TYPE GI section duly mitered cut & thermal welded at all corners, provided with center mullion (if specified in drawing) of size 76 x 60mm uPVC Profile Section and fitted with uPVC glazing bead of size 34 x 20mm with 'K' & 'O' type inner and outer EPDM weather seal gaskets alongwith 5mm thick ISI make plain float glass.All welding joints of frame and shutter shall be cleaned and milled with the CNC mechanism to provide uniform grooved finish on all visible joints. Hardware : Each Openable Door shutters is to be fixed with three load beading butt hinges and locking of doors is to be provided with multi-point transmission gear (ESPAG) with white finish powder-coated lockable handle. Installation at Site : Complete Door is to be installed on site with 10 x 100mm fastners with white cap in existing pre finished wall cut out cemented to glass level along	sqm	40.000	6,327.90	253116.00
63	P & F Indian type white glazed vitreous china 1st quality W.C. orissa pan (IS :2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor: Size 580x440mm.	Each	2.000	1,585.80	3171.60
64	P & F European type white glazed vitreous china 1st quality Double syphonic W.C (IS :2556 Mark) with P or S trap including cutting and making good the wall and floor	Each	2.000	3,423.60	6847.20
65	P & F water closet Seat Covers with brass hinges complete :				
65.01	Solid PVC (IS 2548 marked) grade-I White for EWC.	Each	2.000	289.80	579.60
65.02	P & F C.P. lugs for toilet seat cover.	pair	2.000	60.30	120.60
66	P & F 1st quality WVC Urinal (IS:2556 mark) with 25mm dia G.I. waste pipe, dome waste couplings, concealed iron brackets or screws etc complete. Flat Back (large) or half stall size 610x400x80mm.	Each	3.000	2,774.70	8324.10
67	P & F W.V.C. Urinal Partition Plate of approved standard make of size 630x315mm including making good the wall.	Each	2.000	740.70	1481.40
68	P & F Low level Flushing Cistern of 10 litres capacity (IS : 2556mark). Of approved make with complete fittings C.I. brackets duly painted, brass ball cock with ball, (IS: 1703 mark) complete including cutting and making good the wall: PVC with PVC bend of make Commander champion	Each	4.000	1,030.50	4122.00
69	P & F Flush Pipe of approved make with complete fittings for high level flushing cistern: PVC exposed (heavy) 32mm.	Each	4.000	110.70	442.80
70	P & F C.P. brass Urinal Flush Pipe set complete with flanged brackets of approved make. For 3 Urinals	Each	3.000	780.30	2340.90
71	P & F C.P. brass Urinal Spreader for stall urinal of approved make.	Each	3.000	227.70	683.10
72	P & F C.P. brass Doom Waste Coupling 40 mm dia.	Each	3.000	168.30	504.90

S.no.	Particular	Unit	Qty	Rate	Amount
73	P & F C.P. Brass flush Valve with C.P. flush bend of approved make. Push type with Elbow 32 mm dia	Each	3.000	2,098.80	6296.40
74	P & F WVC wash basin (1st quality, I.S. : 2556 Mark) of approved make with 15 mm C.P. Pillar cock (IS : 8934 Mark) & 32 mm C.P. brass waste coupling of approved make, 25 mm G.I. waste pipe complete including cutting & making go 460 dia for counter top	Each	6.000	1,801.80	10810.80
75	P & F Kitchen & Lab. Sink of approved make with C.I. brackets duly painted, 40 mm C.P. waste coupling, C.P. Brass chain with rubber plug, 40 mm G.I. waste pipe up-to floor level complete including cutting and making good the wall & floor : 1.0 mm thick Salem stainless steel AISI -304 & IS 13983-1994 kitchen sink of approved make as per Engineer-in-charge with large waste coupling. Overall Size (inches) 24 x 18 x 8, Bowl Size (inches) 20x16x8	Each	1.000	3252.6	3252.60
76	P & F Bottle Trap of approved make :				
76.01	C.P Brass 32 mm	Each	6.000	354.60	2127.60
76.02	C.P Brass 40 mm	Each	1.000	384.30	384.30
77	P& F waste Coupling with fittings of approved quality /make: C.P Brass 40 mm dia	Each	1.000	148.50	148.50
78	P& F waste Pipe with all fitting				
78.01	P.V.C with C.P nut 32 mm	Each	6.000	118.80	712.80
78.02	P.V.C. with C.P. nut 40 mm dia	Each	1.000	128.70	128.70
79	P & F Towel Rail or Ring of approved quality/make: C.P. Brass Towel Ring revolving type	Each	4.000	153.00	612.00
80	P & F Liquid Soap Container with brackets complete of approved make: C.P. brass	Each	4.000	135.00	540.00
81	P & F Toilet Paper Holder with rod of approved quality/make: C.P. brass	Each	2.000	126.00	252.00
82	P & F Jet spray for water closet with C.P. Copper Tube flange of approved make.	Each	2.000	217.80	435.60
83	Providing & fixing C.P.flange for 15mm dia taps.	Each	8.000	9.90	79.20
84	P & F G.I. Pipes (External Work) with G.I. fittings excluding union (IS : 1239 Mark) including trenching & refilling earth etc. 25mm dia nominal bore, B Class	Mtr	40.000	165.6	6624.00
85	P & F water meter (IS : 779 mark) of approved make. 25 mm dia	Each	1.000	1,567.80	1567.80
86	P & F Bib Cock (IS : 8931 Mark), Superior quality of approved make: C.P. Brass bib cock, 15mm nominal bore.	Each	2.000	466.20	932.40
87	P & F Sink Cocks of superior quality & approved made : C.P. Sink cock swinging spout 15mm.	Each	1.000	712.80	712.80
88	P & F Ball Cock (IS :1703 Mark) with Rod & P.V.C. Ball complete :				
88.01	Brass wt.1000 gm, 25mm.	Each	1.000	257.40	257.40
88.02	Brass wt.1200 gm 40mm.:	Each	1.000	431.10	431.10
89	P & F Inlet Connection (Angle Valves) Superior quality, of approved make, for Wash basin, Gysar etc. C.P. Inlet connection 15mm.Brass (IS : 8931 marked)	Each	14.000	475.20	6652.80
90	P & F PVC Storage Tank ISI Marked (IS : 12701) indicating the BIS license No), of approved make with cover, 25mm dia 1M long G.I. over-flow pipe & 25 Cm. long wash out pipe with plug & socket, including making connection etc., complete of approved design: 750 litres capacity.	Each	1.000	4,050.00	4050.00

S.no.	Particular	Unit	Qty	Rate	Amount
90.1	Hoisting Charges for each floor : For items 2.26.1 to 2.26.4	Each	1.000	63.00	63.00
91	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (Internal work Exposed on wall)				
91.01	32mm nominal outer dia pipes	R.Mtr.	10.000	205.20	2052.00
91.02	40 mm nominal outer dia pipes	R.Mtr.	5.000	288.00	1440.00
92	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. (Concealed work including cutting chases and making good the walls etc.,)				
92.01	20mm nominal outer dia pipes	R.Mtr.	40.000	165.60	6624.00
92.02	25 mm nominal outer dia pipes	R.Mtr.	25.000	229.50	5737.50
93	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipe (External work). 40 mm nominal outer dia pipes	R.Mtr.	5.000	261.90	1309.50
94	P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :				
94.01	Gun-metal 25mm nominal bore.	Each	1.000	391.50	391.50
94.02	Gun-metal 32mm nominal bore.	Each	2.000	520.20	1040.40
94.03	Gun-metal 40mm nominal bore.	Each	1.000	797.40	797.40
95	P & F foot valve of superior quality and approved make with fittings : CI 50 mm	Each	2.000	306.90	613.80
96	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant: P- Trap 110mm dia	Each	1.000	222.3	222.30
97	Construction of chamber in all type of soil with 300 mm thick masonry in CM 1:6 m, 10 cm thick C.C. 1:5:10 in foundation, 20mm thick insides plaster in CM 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring , earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 mtr. Inside size 450 x 450 mm depth upto 0.5 M Cement cover with frame	Each	2.000	1,377.00	2754.00
98	Providing and Fixing Unplasticized Poly Vinyl Chloride (UPVC) SWR Pipes Type B for sciland waste discharge system (IS:13592 : 1992 Marked) of approved quality /make				
98.01	75 mm dia	mtr	20.000	99.00	1980.00
98.02	110 mm dia	mtr	70.000	198.00	13860.00
99	Providing and Fixing Unplasticized Poly Vinyl Chloride (UPVC) SWR Pipes fittings type B for sciland waste discharge system (IS:13592 : 1992 Marked) of approved quality /make				
99.01	Single Push Fit Coupler				
99.01.1	75mm dia	Each	7.000	41.40	289.80

S.no.	Particular	Unit	Qty	Rate	Amount
99.01.2	110mm dia	Each	10.000	72.00	720.00
99.02	Bend 45 Dg.				
99.02.1	75mm dia	Each	5.000	45.00	225.00
99.02.2	110mm dia	Each	5.000	75.60	378.00
99.03	Single 'Y'				
99.03.1	75mm dia	Each	5.000	81.90	409.50
99.03.2	110mm dia	Each	5.000	157.50	787.50
99.04	Socket Plug				
99.04.1	75mm dia	Each	1.000	35.10	35.10
99.04.2	110mm dia	Each	1.000	43.20	43.20
99.05	W.C. Connector				
99.05.1	110mm dia	Each	2.000	122.40	244.80
99.06	Multi floor trap				
99.06.1	110mm dia	Each	6.000	136.80	820.80
99.07	Extra Square Jali				
99.07.1	110mm dia	Each	6.000	21.60	129.60
99.08	Gully Trap				
99.08.1	110mm dia	Each	2.000	388.80	777.60
99.09	Nahni Trap with Jali 4"				
99.09.1	110mm dia	Each	2.000	97.20	194.40
100	Dismantling old plaster or skirting, raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meter lead.	sqm	550.000	9.00	4950.00
101	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting (height upto 10 m) , fixing in position and applying a priming coat of approved steel primer all complete:	Kg	127,262.000	59.40	7559362.80
102	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar.	cum	5.000	335.70	1678.50
104	Wiring of light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper conductor 1.1 kV grade and 1.5 sq. mm nominal size FR PVC insulated unsheathed flexible copper earth conductor 1.1 kV grade (IS:694) of approved make in surface / recessed ISI marked MMS (IS:9537 P - III) PVC conduit & it's accessories, round tiles, 18 SWG M.S. box with earth terminal, 6 A switch, 3.0 mm thick ISI marked phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required.				
104.01	Short point (up to 3 mtr.) Complete Rate Group 1	P. point	40.000	172.00	6880.00
104.02	Medium point (up to 6 mtr.) Complete Rate Group 1	P. Point	60.000	270.40	16224.00
104.03	Long point (up to 10 mtr.) Complete Rate Group 1	P. point	30.000	379.20	11376.00
105	S&F following sizes (dia.) of ISI marked medium duty PVC conduit along with accessories in surface / recessed using saddles, clamps, fastener as required including cutting the wall, covering conduit and making good the same as required. 20 mm Complete Rate Group 1	R.Mtr.	5.000	25.60	128.00

S.no.	Particular	Unit	Qty	Rate	Amount
106	Supplying and drawing FR PVC insulated & unsheathed flexible copper conductor ISI marked (IS:694) of 1.1 kV grade and approved make in existing surface or recessed conduit/casing capping including making connections etc. as required.				
106.01	2 x 2.5 sq. mm. + 1x1.5sqmm Complete Rate Group 1	mtr	130.000	42.40	5512.00
106.02	2 x 4.0 sq.mm Complete Rate Group 1	mtr	10.000	45.60	456.00
106.03	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm. Complete Rate Group 1	mtr	120.000	61.60	7392.00
106.04	4 x 6.0 sq.mm Complete Rate Group 1	mtr	10.000	140.80	1408.00
106.05	2 x 6.0 sq. mm. + 1 x 2.5 sq. mm. Complete Rate Group 1	mtr	10.000	87.20	872.00
107	P/Laying ISI marked P.V.C. insulated submersible cable confirming to IS:694 with flexible copper conductor including making connection etc. as required. 1.5 Sq.mm 3 core flat / Round Complete Rate Group 1	mtr	4.000	47.20	188.80
108	P&F 240/415 V AC MCB with positive isolation of breaking capacity not less than 10 KA (B/ C/ D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets including making connections, testing etc. as required.				
108.01	Single pole MCB 6 A to 32 A rating	Each	22.000	120.8	2657.60
108.02	Double pole MCB 6 A to 32 A rating	Each	8.000	320.8	2566.40
108.03	Four pole MCB 40 A 63 A rating	Each	2.000	1102.4	2204.80
109	P&F Recessed/ Surface mounting heavy duty horizontal type prewired sheet steel Distribution board phophatised / powder painted complete with suitable rating insulated copper bus bar, shorting link , neutral link, earth link and din bar,masking sheet, loose wire box, terminal block , duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks conforming to IS:13032 & IS:8623 including making internal DB terminations with copper lugs , testing etc. as required.				
109.01	Single door (single phase): 12 Way	Each	1.000	688	688.00
109.02	Double door (Three phase):4 Way	Each	1.000	1896	1896.00
110	P & F ISI marked (IS :3854) 6 amp. porcelain base single pole tumbler switch including making connection testing etc. as required. Complete Rate Group 1	Each	18.000	23.20	417.60
111	P & F ISI marked (IS :3854) 16 amp. porcelain base single pole tumbler switch including making connection testing etc. as required. Complete Rate Group 1	Each	16.000	46.40	742.40
112	P & F of 3 pin 6 amp. flush type socket including cutting hole in tile and making connection testing etc. as required. Complete Rate Group 1	Each	18.000	16.00	288.00
113	P & F 3/6 pin 16 amp flush type socket including cutting hole in tile and making connection testing etc. as required. Complete Rate Group 1	Each	16.000	41.60	665.60

S.no.	Particular	Unit	Qty	Rate	Amount
114	P & F following modular accessories made out of unbreakable and fire retardant poly carbonate with s				
114.01	6 A one way switch :Complete Rate Group 1	Each	19.000	73.60	1398.40
114.02	RJ-11 telephone jack single two line: Complete Rate Group 1	Each	3.000	68.80	206.40
114.03	5 step fan regulator 2 Module: Complete Rate Group 1	Each	2.000	368.00	736.00
114.04	32 Amp. 2 Module switch With Indicator: Complete Rate Group 1	Each	1.000	228.00	228.00
114.05	25 Amp. 2 Module Socket: Complete Rate Group 1	Each	1.000	155.20	155.20
115	P & F following size mounting grid plates with cover plates				
115.01	Complete Rate Group 1: 1/2 Module	Each	4.000	55.20	220.80
115.02	Complete Rate Group 1: 3 Module	Each	2.000	59.20	118.40
115.03	Complete Rate Group 1: 4 Module	Each	1.000	64.00	64.00
115.04	Complete Rate Group 1: 5/6 Module	Each	1.000	87.20	87.20
115.05	Complete Rate Group 1: 8 Module	Each	1.000	128.80	128.80
116	S & F of PVC trunking system for cable management including finishing accessories like corners, tee,: 100/105mm x 50mm Complete Rate Group 1	mtr	10.000	540.00	5400.00
117	Supplying and fixing of Aluminium / Copper bus bar by means of SMC / DMC type insulator, high tensile nuts and bolts spring washers in existing panel including bending , cutting in required shape and size and colour coding with heat shrinkable PVC sleeves.Electrolytic grade Aluminium bus bar Complete Rate Group 1	Kg	1.000	336.00	336.00
118	SF of (0-500) V range Volt meter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required.Digital type Complete Rate Group 1	Each	1.000	880.00	880.00
119	SF of CT operated direct reading type Ampere meter on existing panel , making connection by PVC insulated copper conductor with PVC sleeves / channel etc. as required.Analog type (96 mm x 96 mm).Below 500 A Complete Rate Group 2	Each	1.000	270	270.00
120	SF of Current Transformer , with all necessary support in existing panel including connection etc. as required .up to 150 / 5 Ratio , 5 VA , class 1 accuracy Complete Rate Group 1	Each	1.000	244.80	244.80
121	SF of selector switch of 10 A for voltmeter (4 position) including making connection etc. as required . Complete Rate Group 1	Each	1.000	182.40	182.40
122	SF of CT linked selector switch of 10 A for Ampere meter (4 position) including making connection etc. as required . Complete Rate Group 1	Each	1.000	228.80	228.80
123	SF of 110/220 V, LED (22.5 mm dia) Indicating lamp with integral circuit, terminal block, including connection etc. as required.Red/yellow/Green colour Complete Rate Group 1	Each	1.000	120.00	120.00
124	P&F of IP51 direct or CT operated, 1x240 / 3x240 volts , 50 Hz static watt-hour meter (kwh) having resolution 0.1 / 0.01 kwh , 1/ 0.5 accuracy class , LED indicators for tamper operation (Reverse &/or earth connection) , pulsating LED indicator for meterology , electromechanical counter , LCD Display, cover plate for body and terminal sealing , including making connection ,testing etc. as required.up to 60 ampere three phase meter Complete Rate Group 1	Each	1.000	2,382.40	2382.40

S.no.	Particular	Unit	Qty	Rate	Amount
125	Pipe Earthing as per IS:3043 with perforated 3.0 Mtr. Long, 40 mm dia. ' B ' class G.I. Pipe including all accessories like nut, bolts, reducer, nipple, wire meshed funnel, and C.C. finished chamber covered with hinged type with locking arrangement C.I. Cover, C.I. Frame of size 300mm x 300 mm and embodying the pipe complete with alternate layers salt and coke/ charcoal, testing of earth resistance as required. Complete Rate group-I	Per Set	2.000	1,320.00	2640.00
126	S & Laying following size earth wire/strip in horizontal or vertical run in ground/surface/recess including riveting, soldering, saddles, making connection etc. as required.				
126.01	Complete Rate group-I: 8 SWG G.I. (Hot Dipped) Wire	mtr	15.000	7.20	108.00
126.02	Complete Rate group-I: 25mm x 3mm G.I. (Hot Dipped) Strip	mtr	20.000	46.40	928.00
127	P & F Star rated double ball bearing capacitor start, aluminium body & blade ceiling fan with down rod up to 30 cm with 3 x 1.5 sq.mm pvc insulated flexible copper conductor making connection testing etc. as required.1200 mm Sweep 5 Star rated. Complete Rate Group-I	Each	2.000	1,516.80	3033.60
128	P & F strip type fluorscent tube fitting fabricated from (CRCA sheet and finished with powder coating / stove enamelled paint) / (extruded non corrosive UV resist EP channel) complete with accessories (Low Loss Copper Choke, starter, starter seat) / Electronic Choke with terminal block duly prewired with copper conductor including making connection, testing etc. as required(without tube). 1 X 18 Watts with EB Complete Rate Group 1	Each	1.000	292.80	292.80
129	P & F box type fluorescent tube fitting fabricated from CRCA sheet and finished with powder coating / stove enamelled paint complete with accessories (Low Loss Copper Choke, starter, starter seat) / Electronic Choke with terminal block duly prewired with copper conductor including making connection, testing etc. as required(without tube). 1 X 28 Watts with EB Complete Rate Group 1	Each	7.000	728.80	5101.60
130	P & F 9/11/13/ Watt CFL mirror light with CRCA powder coated housing, diffuser, end covers, copper ballast, holder prewired upto terminal block including making connection testing etc. as required(without tube) Complete Rate Group 1	Each	5.000	963.20	4816.00
131	P&F of IP65 weather proof ceiling mounting/ suspension type Luminaries comprising of polycarbonate housing & polycarbonate diffuser & clips. Suitable for high efficiency T5 lamp comprising of electronic ballast prewired to terminal block including making connection etc. (Without lamp)1 X 28 Watt EB Complete Rate Group 1	Each	10.000	2,434.40	24344.00

S.no.	Particular	Unit	Qty	Rate	Amount
132	P & F of IP20 LED Recessed / Surface Mounted, Round / Square Non-Dimmable Downlight with die-cast aluminum housing & Heat Sink for heat dissipation, high purity reflector with external driver having efficiency > 85% and in compliance to IEC standards. Power Consumption of = 7W/ 10W / 15W / 18W with ~ 500 / 750 / 1100 / 1250 lumens, System Lumen efficacy of 70 lm / watt output suitable to replace 1x18W / 2x18W / 2x 26W CFL Downlights, life time of 50000 Burning Hours with 70% of initial Lumen maintained. CCT 3000°K , 4000°K & 6000°K. Fixture shall be CE compliance.Surface Mounting.LED Downlight 18/20W Complete Rate Group 1	Each	28.000	3,200.00	89600.00
133	P & F of IP65 IK10 rated LED bulk head type light fixture made from CRCA sheet steel housing suitable for mounting LED tube system (integral driver), Power Consumption of 10-15W ~ 500-600 lumens, system lumen efficiency 70 lm/Watt output suitable for 1x100W GLS / 9W CFL bulk head fixtures, life time of 50,000 burning hours with 70% initial lumen maintained. CCT 3000°K, 4000°K & 6000°K. Fixture shall be in compliance with CE & KEMA standards.LED BULK head luminaire 9/10W Complete Rate Group 1	Each	5.000	6,240.00	31200.00
134	P & F Post top / Bollard suitable for following lamps, made of powder coated cast aluminium housing, moulded acrylic lamp compartment with built in anodized aluminium louvers for lamp shielding and glare control, metallic lid top cover, including the cost of control gear complete in all respect. Bollards are including cost of decorative base pipe/ plate. (without lamp)18/13 Watt CFL Bollard Complete Rate Group 1	Each	5.000	3,296.00	16480.00
Non- BSR Items					
135	Providing & fixing of White River (Stone) Pebbles size of 2" to 2.50" dia in natural colour at site of work including loading, unloading, carriage and all taxes paid etc.and as per direction of officer in charge.	Quintal	114.000	550.10	62711.40
				Total	22293281.21



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.