

Enclose in Bid Document

Detailed NIB	
Name & Address of the Procuring Entity	➤ Name : Executive Engineer (Garden-II), Jaipur Development Authority ➤ Address: Room No. CCC-TF-308, CCC Building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur 302004 (Rajasthan) ➤ Email:- : hemendrajda@gmail.com
Subject Matter of Procurement	➤ Construction of Rest modules in Kishan Bagh Project in Horticulture Zone-4 aea, JDA, Jaipur. ➤ Job No.: 001/2018-19
Bid Procedure	➤ Two 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	➤ 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 23155887.00 Lacs (Two crore thirty one Lacs fifty five thousand eight hundred eighty seven only)
Bid Security Deposit	➤ Amount (INR) : 2 % (Rs 463118/-) of Estimated Procurement Cost, 0.5% (Rs 115780/-) 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)	➤ Start Date : 23.06.2018 from 3.00 PM onwards ➤ End date : 09.07.2018 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 10.07.2018 to 12.07.2018 upto 6.00 PM
Bid submission on E-Procurement Portal of GOR (www.eproc.rajasthan.gov.in)	➤ Start date : 23.06.2018 from 3.00 PM ➤ End date : 09.07.2018 upto 6.00 PM
Date/Time? Place of Technical Bid Opening	➤ 13.07.2018 at 11.30 AM ➤
Date/Time/Place of Bid Opening	➤ 13.07.2018 at 11.30 AM ➤ Room No. CCC-TF-308 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

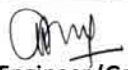
After confirming payment, the bidder will get Bid participation Receipt on the basis of which user will get the payment details along with other details for bidding on E-Procurement portal of GOR.

- 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.

**** There should be a gap of 3 working days BETWEEN End Date for Bid Applying, Online Payment & Bid Submission AND Bid opening date.**

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 RTPP Act 2012 and Rules thereto, the later shall prevail.


Executive Engineer (Garden-II)
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

TENDER DOCUMENTS

TECHNICAL BID

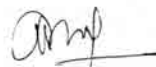
(POTENTIAL ASSESSMENT)

Part – 1

FOR

**NAME OF WORK: Construction of Rest Modules in Kishan Bagh Project In
Horticulture Zone-4 Area, JDA, Jaipur.**

- | | | | |
|----|--------------------------------|---|--|
| 1. | NIB No. | : | EE-Garden-II/03/2018-19 |
| 2. | Approximate cost | : | Rs. 231.56 Lacs |
| 3. | Cost of the tender document | : | Rs.1000.00 |
| 4. | Tender Processing Fees | : | Rs. 1000.00 |
| 5. | Earnest Money | : | Rs. 115780.00 (for Contractor enlisted in JDA)
Rs. 463118.00 (for A and AA class Contractor
enlisted in other Govt. Departments.) |
| 6. | Download of tender
document | : | 23.06.2018 to 09.07.2018 up to 6:00 PM |
| 7. | Upload the tender Document | : | 23.06.2018 to 09.07.2018 up to 6:00 PM |
| 8. | Date of opening of tender | : | 13.07.2018 at 11.30 AM in CCC-TF-308, Third Floor,
Citizen Care Building, Ram Kishore Vyas Bhavan, Indira
Circle, Jawahar Lal Nehru Marg, Jaipur - 302004
(Rajasthan) |
| 9. | Completion period of work | : | 04 Months |


Executive Engineer (Garden-II)
JDA, Jaipur

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR
SCHEDULE AND SPECIFICATIONS

**NAME OF WORK: Construction of Rest Modules in Kishan Bagh Project In
Horticulture Zone-4 Area, JDA, Jaipur.**

- | | | | |
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Indira Circle, Jawahar Lal Nehru Marg, Jaipur - 302004
(Rajasthan) |
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SCHEDULE – A: INFORMATION USEFUL FOR THE CONTRACTORS:

The Tenderer should see the site and fully understand the conditions of the site before tendering and include all leads, lift etc for the material in his item rate/percentage to be quoted on the rates give in the Schedule 'G'. The work shall be carried out in accordance with the MORTH/Rajasthan PWD detailed specification and to the entire satisfaction of the Engineer – In – Charge of the work.

The bid will be opened only of those bidders deposit proper bid security, processing fee, tender fee, GST clearance certificate (Valid upto Six months back from the opening of Bid) and copy of registration of contractor in required category are found to be in order.

SCHEDULE – B: LIST OF THE DRAWING TO BE SUPPLIED BY THE CONTRACTOR:

The drawing may be seen in office of the undersigned.

SCHEDULE – C: LIST OF THE DRAWING TO BE SUPPLIED BY THE CONTRACTOR: List of the drawing to be supplied by the contractor NIL. But the contractor shall have to arrange at his own cost drawings required for the work after deposition necessary cost with JDA.

SCHEDULE - D: TEST OF THE MATERIALS:

The test of the materials and workmanship shall be conducted by the JDA staff as necessary. The result of such tests should confirm to the standard laid down in the Indian standard MORTH/PWD detailed specification. Qualified personnel as required under the contractor enlistment rules duly approved by the Deptt. shall have to be engaged at site by the Contractor.

The deptt. Reserves the right to engage such staff and recover the expenses from the contractor on such account in case of his failure to do so.

SCHEDULE – E: SAMPLES OF THE MATERIALS:

The sample of the materials to be used by the contractor shall be deposited 15days In advance with the Engineer In charge and be got approval by him before use.

SCHEDULE - F: TIME OF COMPLETION:

The work should start within 7 days of issue of work order and complete within time limits.

SCHEDULE – G: ATTACHED SEPARATELY BASED ON JDA BSR 2016

SCHEDULE – H: SPECIAL CONDITION: Attached Separately.

SCHEDULE – I: LIST OF MATERIAL TO BE SUPPLIED BY THE DEPARTMENT: NIL

SCHEDULE – ‘J’ : SPECIAL CONDITIONS OF CONTRACT REGARDING DEFECT LIABILITY PERIOD (DLP) : Attached separately.

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

Signature of the Contractor
With full Address, Mob No, Landline No & E-mail address

JAIPUR DEVELOPMENT AUTHORITY JAIPUR

SPECIAL CONDITION OF THE CONTRACT FOR POTENTIAL ASSESSMENT OF CONTRACTORS

NAME OF WORK: Construction of Rest Modules in Kishan Bagh Project in Horticulture Zone-4 Area, JDA, Jaipur.

Special conditions of contract for **POTENTIAL ASSESSMENT** as detailed here under, shall be applicable in addition to all other terms and condition already prescribed under standard agreement forms/rules and regulations to contract.

1. Procedure:

Procedure for **POTENTIAL ASSESSMENT** would be as follow:

- (a) Tender document shall be submitted on line e-procurement website <http://www.eproc.rajasthan.gov.in> with their digital signature. The bid is to be submitted in 2 envelop which shall comprise of- Envelop-1 being for Technical Bid and Envelope -2 being for Financial Bid. Each envelope would be sealed separately and super scribed as "Envelope-1 Technical Bid" and "Envelope-2 Financial Bid". Both envelopes would be placed in Third envelope duly sealed, bearing the name of work and the name of the bidding contractor. In this third envelope, envelop of earnest money, GST clearance certificate (Valid up to Six months back from the opening of Technical Bid) and copy of registration of contractor in required category should also be kept
- (b) The technical bid will be opened only of whose bidders those proper Earnest money, GST clearance certificate (Valid up to Six months back from the opening of Technical Bid) and copy of registration of contractor in required category are found to be in order. The Tender fee, processing fee and earnest money will deposited Online on or before 29/9/15.
- (c) The Technical Bid envelope would be opened on the date 13.07.2018 at 11.30 AM CCC-TF-308, Third Floor, Citizen Care Building, Ram Kishore Vyas Bhavan, Indira Circle, JawaharLal Nehru Marg, Jaipur – 302 004 (Rajasthan)
- (d) The Financial Bid envelope would be opened only of those bidders who fulfill all the **POTENTIAL ASSESSMENT** criteria.

Note:-

- (i) If GST clearance certificate is not applicable in any State then appropriate proof is to be enclosed by bidder with certificate which is applicable in place of GST.

2. Criteria:

Criteria for **POTENTIAL ASSESSMENT** would be as follows:-

- (a) The bidder should have executed following quantities of work in any one financial year of the **last five financial years**. However the bidder may opt current year in the said financial assessment period.

(b)

S. No.	Item	Quantity
1.	Major item of Schedule-G	
A	Earth work	658.00 Cum
B	Stone flooring work (Kota/Jaisalmer/Buddhpura/Gangapur etc.	645.00 Sqm
C	Steel fabrication work	11427.00 Kg.

Note:-

- (i) The Bidder should enclose the certificate having quantities Financial year wise otherwise the certificate will not be considered.
 - (ii) Quantities of all the items mentioned in criteria 2 (a) should be executed in one financial year.
 - (iii) Certificate issued by Govt. of India, State Govts., Union Territory, and Govt. Undertakings, Autonomous Bodies shall only be considered.
- (c) The bidder should have completed at least **one similar nature of work in last Five financial year** (including current year, if opted by the bidder) of value not less than 33.33 % (77.18 lacs) of the Estimated Cost of the work (bid cost) updated to present price level)

Note:-

- (i) The starting & completion date of the work is to be in between above said financial year. If no then maximum work (70%) is to be completed in above said financial year.
 - (ii) If bidder is submitted certificate having different components / nature of work then proper completion certificate of required similar nature component is to be enclosed.
- (d) The bidder should have achieved an annual financial turnover of at least 33.33 % (77.18 lacs) of the Estimated Cost of the work (bid cost) in any one of **last Five financial years** (including current year, if opted by the bidder)

Note :-

- (i) The bidder should enclose certificate of Turnover from Chartered Accountant for last five financial year & audited balance sheet of the year which is considered by the bidder in criteria 2 (c).
 - (ii) If current year or last year has been opted by bidder whose balance sheet is not submitted till the submission of bid then certificate from Chartered Accountant should be enclosed.
- (e) The bidder should give declaration to deploy the machinery and equipment as specified in Schedule – III, for the execution of this work.
- (f) Bid Capacity: Bidders who meet the minimum qualification criteria will be qualified only if available bid capacity is equal to or more than the total Bid value.
The available bid capacity will be calculated as under:
Bid Capacity = (A x N x 3 – B)

- Where A = Maximum value of civil engineering work executed in any one year during the last 5 financial years (updated to present Price level) taking in to account the completed as well as works in progress. However, the bidder may opt current year in the five year assessment period
- N = Number of year prescribed for completion of the work for which bids are invited. In present case value of N shall be 0.33
- B = Value, at present price level of existing commitments and on going works to be executed during 'N' period (period prescribed for completion of the works for which the bids are invited)

Note:-

- (i) **Certificate from Chartered Accountant should be enclosed by bidder clearly indicated maximum value of Civil Engineering Work in one Financial Year.**
- (g) **Litigation History:** - Bidder should provide accurate information on any litigation or arbitration resulting from contracts completed or under execution by him over the last five years. The maximum value (updated at the present price level) of disputed amount claimed in the litigation / arbitration resulting from contracts executed in last five years shall be deducted from the calculated Bid Capacity of the bidder. The details shall be furnished in Schedule VI. If schedule VI is found Blank then it will be treated as NIL.

Note:-

- (i) **The present price level for turnover, cost of completed work & disputed amount of similar nature, the previous years value shall be given weight age of 10% per year as follows :-**

(a)	For current year	1.00
(b)	For year 2017-2018	1.00
(c)	For year 2016-2017	1.10
(d)	For year 2015-2016	1.21
(e)	For year 2014-2015	1.33
(f)	For year 2013-2014	1.46

3. Documentation :

The bidder should furnish the following documents along with the technical bid:

- Information regarding financial resources and capability in Schedule –I.
- Information regarding works executed in the last five years in Schedule–II
- Certificates from the concerned Engineer–In–Charge in support and verification of the information furnished in Schedule–II
- Declaration regarding machinery and equipment required for deployment, as detailed in scheduled – III.
- Information regarding details of maximum value of civil engineering works executed in any one year during the last five years taking into account the completed as well as works in progress in schedule – IV.

- (f) Information regarding existing commitments and ongoing works to be completed in schedule – V. If it is found at any stage that the bidder hides his existing commitments than proper action will be taken as per RTPP act and Rules.
- (h) Information regarding details of litigation or arbitration contracts to be furnished in schedule – VI. If schedule VI is found Blank then it will be treated as NIL.
- (i) Calculation of Bid capacity in schedule – VII.
- (g) Affidavit as per Annexure I..
- (h) Declaration as per Annexure I.

4. Important:

- (a) The bidder must ensure that all the information required in the Documents is furnished by him complete in all respects. He would not be allowed to withdraw any document, or to rectify any information furnished therein, after submitting the bid.
- (b) The bidder should give a declaration that the information furnished in schedule I to VII is correct. If any information is found incorrect, the offer of the bidder shall be rejected and action be taken as per rules.
- (c) Bidders must do paging of all enclosure of bid documents.

5. Rejection of bids

The department reserves the rights to reject any bid or to disqualify any or all the bidders, without assigning any reasons at any stage.

- (i) If Bid is not accompanied with the requisite documents mentioned in clauses 3 (a) to 3 (j) or is not in accordance with procedure specified in Para 1, or is not accompanied with earnest money, tender fee, processing fee & GST clearance Certificate and registration of contractor in required category it would be liable for rejection
- (ii) Furnishing of incorrect or incomplete or concealment of any information required in the bid documents would render the bid liable for rejection.
- (iii) If all the copies enclosed in support or declaration is not duly attested by self then bid of the bidder is to be rejected.


Executive Engineer (Garden-II)
JDA, Jaipur

SPECIAL CONDITIONS

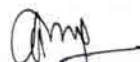
SCHEDULE 'H' Part-I

01. Use of Bitumen mixture Tar mechanical lime grinder, cement concrete mixer & vibrator is essential for the work. This shall have to be arranged by the contractor at his own level/cost.
02. If there is any typographical error or otherwise in the 'G' Schedule the rates given in the relevant BSR on which Schedule 'G' has been prepared, shall prevail.
03. The contractor shall follow the contractor lab our regulation and abolition Act 1970 & Rule 1971.
04. The JDA shall have right to cause an audit and 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 then that was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be paid by the JDA to the contractor.
05. The contractor shall not work after the sunset and before sunrise without specific permission of the authority Engineer.
06. Whenever any claim against the contract 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.
07. The rate quoted by the contractor shall remain valid for a period of 4(four) months from the date of opening of the tenders.
08. By submission of this tender the contractor agree to abide with all printed conditions provided in the PWD manual form 64 (Chapter 3 para 36) and subsequent modification.
09. No conditions are to be added by the contractor and conditional tender is liable to be rejected.
10. All transaction in the execution of this work and this tender will be liable to GST as per rules
11. If any tender withdraws his tender prior to expiry of said validity period given at S. No. 7 or mutually extended prior or makes modifications in the rates, terms and conditions of the tender 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, Tar boiler, sprayer etc.
13. The contractor shall arrange his own storage tanks up to 10 Tonnes capacity for storing bulk bitumen wherever supplied by the department.
14. Rules regarding enlistment of contractors provide that work up to the time five times limit for which they are qualified for tendering can be allotted to them Therefore, before tender the contractors will keep this in mind, and submit the details of work. Tenders with incomplete or incorrect information are liable to be rejected.
15. Any material not conforming to the specifications collected at site shall have to be removed by the contractor within a period of 3 days of the instructions, issued by the 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. The tenderer are required to submit copy of their enlistment as contractor.
25. Conditions of RPWA-100 will be mandatory & acceptable to the contractor.
26. 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.
27. The contractor will have to install display boards at site of work as directed by Engineer in charge. Failing which penalty of Rs. 5000.00 per day will be imposed.
28. Special Conditions of Contract regarding Defect Liability Period (DLP) for roads works costing Rs. 25.00 lacs and more shall be applicable.
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 contradiction 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.

Part-II

1. The work is of artistic/special nature. All materials, design and supervision of the work will be carried out through the consultant of the project having artistic approach. Therefore it is highly recommended that Contractor should go through the drawings, site condition and nature of the work, before quoting the rates. Consultant will expect high degree of fidelity to the design and drawing.
2. Contractor should have good experience in using designer timbers and material to make good wooden structure. The contractor will be asked to make special efforts with this consultant of the project on travel and research to source the ballies and wooden beam that meets the design/specific requirement of the work.
3. Contractor should have good experience in stone slab flooring/roofing and stone masonry with lime sand mortar.
4. Prior to Procurement of all material like timber, stone, lime and any other special material etc. with require the prior approval of the samples by the Consultant/Engineer-In-Charge.
5. Prior approval of samples of every module of the work will have to be obtain by the bidder from the Consultant.
6. The work will be executed on sand dunes, therefore the approach to the site may not be accessible to the vehicle and may be required manual means to transport the material.


Executive Engineer (Garden-II)
JDA, Jaipur

Signature of the Contractor
With full Address, Mob No, Landline No & E-mail address

SCHEDULE – J**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 whichever 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

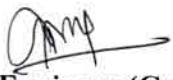
% Recovery on withdrawal of DLP of work order DLP period	1 Year	2 Year	3 Year	4 Year	5 Year
1 Year	1.12	-	-	-	-
2 Year	2.55	1.43	-	-	-
3 Year	4.38	3.26	1.83	-	-
5 Year	9	7.88	6.45	4.62	2.47

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-II)

Schedule – I
FINANCIAL RESOURCES AND CAPABILITY
[Reference clause 3 (a)]

1. Name of Bidder:-
2. Total financial turnover achieved by the bidder in the last five financial years:

S.No.	Year	Turnover
(1)	Current year	
(2)	2017-2018	
(3)	2016-2017	
(4)	2015-2016	
(5)	2014-2015	
(6)	2013-2014	

Note: Balance Sheets and Profit & Loss Accounts is to be enclosed by the bidder which is considered by him as per criteria 2 (a).

3. Total financial Turnover projected in the current financial year
4. Has the bidder ever been debarred from tendering for Central Government/ State Government/ any Government undertaking?
Yes / No, if yes give details.
5. Has bidder ever been declared insolvent?
Yes/No, if yes give details.
6. Name(s) and Address of Branch/(s) for bidder's Bankers.

I/We hereby certify that the above information is correct to the best of my/our knowledge and belief.

Date :

Signature of Bidder
(With Seal wherever applicable)

SCHEDULE – II

[Reference clause 3(b)]

Details of Quantities of work executed during last Five financial years

S. No.	Name of Works (with agreement No. & Date)	Client	Place (district /state)	Financial Year	Principal Items of work		Page No. Where certified Copies Enclosed
					Name of Item	Qty	

Note: Certificate from concerned Engineer-in-Charge should be enclosed in support and verification of the above statement.

Signature of Bidder

To be given Declaration, duly self attested

SCHEDULE – III
[Reference Clause 3(d)]

DECLARATION

I/We-----Proprietor/ Partner/ Authorized signatory of M/s -----under Self Declaration that I/We will deploy the machinery and equipment listed below as and when required in he execution of this work .

S. No.	Name of Machinery	Minimum Requirement	Availability	
			Owned	Leased
1.	JCB	1		
2.	Crane	1		
3.	Dumpers	1		
4.	Concrete Mixer	1		
5.	Tractor with trolleys/Blade	2		
6.	Water Tanker with tractor	2		

I/We hereby certify that the above information is correct to the best of my/our knowledge and belief.

Date:

Signature of Bidder
(With seal, wherever applicable)

SCHEDULE - IV

[Reference Clause 3(e)]

DETAILS OF MAXIMUM VALUE CIVIL ENGINEERING WORKS EXECUTED IN ANY ONE YEAR DURING THE LAST FIVE YEARS TAKING INTO ACCOUNT THE COMPLETED AS WELL AS WORKS IN PROGRESS

[illegible]

Signature of Bidder

SCHEDULE - V

[Reference Clause 3(f)]

DETAILS OF EXISTING COMMITMENTS & ON GOING WORKS TO BE COMPLETED IN NEXT ONE YEAR FROM DATE OF SUBMISSION OF BID

[illegible]

Remark: It is found at any stage that the bidder hides his existing commitments than proper action will be taken as RTPP Act and Rules.

Signature of Bidder

SCHEDULE - VI

[Reference Clause 3(g)]

DETAILS OF LITIGATION OR ARBITRATION CONTRACTS

[illegible]

Remark: If schedule VI is found Blank then it will be treated as NIL.

Signature of Bidder

SCHEDULE –VII
[Reference Clause 3(h)]
BID CAPACITY

Name of Bidder: - _____

1.	A = Maximum value of civil Engineering works Executed in any one year during the last five Years (Updated to present price level)	_____ Lacs	Certified details enclosed at Page No. _____
2.	N = Number of years prescribed for completion of the Work for which bids are invited (In present case value of N shall be 0.33)	0.33	
3.	B = Value, at present price level of existing Commitments and on going works to be Completed during the next N Period.	_____ Lacs	Certified details enclosed at Page No. _____

Bid Capacity = $A \times N \times 3 - B$
= _____ Lacs

Signature of Bidder

Annexure-I
(Reference Clause 3(i))
To be given Self Declaration,
duly Self attested

Photo

Self Declaration

I/We.....S/O Shri.....Age.....Year.....
Resident.....of.....District.....Rajasthan. Proprietor/ Partner/
Authorized signatory of M/s hereby declare that the information
furnished by me/us in schedule I to VII of the Technical Bid for **“Construction of Rest Modules in
Kishan Bagh Project In Horticulture Zone-4 Area, JDA, Jaipur.”** is correct to the best of
my/our knowledge and belief and nothing has been concealed therein. I am well aware of the fact that if
the information given by me is proved false/not true, I will have to face the punishment as per the law.
Also all the benefits availed by me shall be summarily withdrawn **and** JDA has right to reject the Bid
and to take action against me/us as per rules.

Attach-ID

Proprietor/ Partner/ Authorized signatory

M/s

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 anti- competitive 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 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 a bidding process of, 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.
 - g. Bidder or any of its affiliates has been hired (or is 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:

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity ;
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 proceeding 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 with in 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) **Appeal 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 Appeal:

- (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 authorized 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 there or 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 Document 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 Document. 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 in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided 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 50 % 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 other wise 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 is 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, in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more bidders 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

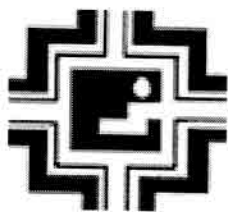
Before the (First/ Second Appellate Authority)

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 officer/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 proposes 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
TENDER DOCUMENTS

FINANCIAL BID

Part – 2

FOR

**NAME OF WORK: Construction of Rest Modules in Kishan Bagh Project In
Horticulture Zone-4 Area, JDA, Jaipur.**

1. NIB No. : EE-Garden-II/03/2018-19
2. Approximate cost : Rs. 231.56 Lacs
3. Cost of the tender document : Rs.1000.00
4. Tender Processing Fees : Rs. 1000.00
5. Earnest Money : Rs. 115780.00 (for Contractor enlisted in JDA)
Rs. 463118.00 (for A and AA class Contractor
enlisted in other Govt. Departments.)
6. Download of tender document : 23.06.2018 to 09.07.2018 up to 6:00 PM
7. Upload the tender Document : 23.06.2018 to 09.07.2018 up to 6:00 PM
8. Date of opening of tender : 13.07.2018 at 11.30 AM in CCC-TF-308, Third Floor,
Citizen Care Building, Ram Kishore Vyas Bhavan,
Indira Circle, Jawahar Lal Nehru Marg, Jaipur - 302004
(Rajasthan)
9. Completion period of work : 04 Months

Executive Engineer (Garden-II)
JDA, Jaipur

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR
SCHEDULE AND SPECIFICATIONS

**NAME OF WORK: Construction of Rest Modules in Kishan Bagh Project In
Horticulture Zone-4 Area, JDA, Jaipur.**

- | | | |
|----|-----------------------------|--|
| 1. | NIB No. | : EE-Garden-II/03/2018-19 |
| 2. | Approximate cost | : Rs. 231.56 Lacs |
| 3. | Cost of the tender document | : Rs.1000.00 |
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Rs. 463118.00 (for A and AA class Contractor
enlisted in other Govt. Departments.) |
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Citizen Care Building, Ram Kishore Vyas Bhavan,
Indira Circle, Jawahar Lal Nehru Marg, Jaipur - 302004
(Rajasthan) |
| 9. | Completion period of work | : 04 Months |

SCHEDULE – A: INFORMATION USEFUL FOR THE CONTRACTORS:

The Tenderer should see the site and fully understand the conditions of the site before tendering and include all leads, lift etc for the material in his item rate/percentage to be quoted on the rates give in the Schedule 'G'. The work shall be carried out in accordance with the MORTH/Rajasthan PWD detailed specification and to the entire satisfaction of the Engineer – In – Charge of the work.

The bid will be opened only of those bidders deposit proper bid security, processing fee, tender fee, GST clearance certificate (Valid upto Six months back from the opening of Bid) and copy of registration of contractor in required category are found to be in order.

SCHEDULE – B: LIST OF THE DRAWING TO BE SUPPLIED BY THE CONTRACTOR:

The drawing may be seen in office of the undersigned.

SCHEDULE – C: LIST OF THE DRAWING TO BE SUPPLIED BY THE CONTRACTOR: List of the drawing to be supplied by the contractor NIL. But the contractor shall have to arrange at his own cost drawings required for the work after deposition necessary cost with JDA.

SCHEDULE - D: TEST OF THE MATERIALS:

The test of the materials and workmanship shall be conducted by the JDA staff as necessary. The result of such tests should confirm to the standard laid down in the Indian standard MORTH/PWD detailed specification. Qualified personnel as required under the contractor enlistment rules duly approved by the Deptt. shall have to be engaged at site by the Contractor.

The deptt. Reserves the right to engage such staff and recover the expenses from the contractor on such account in case of his failure to do so.

SCHEDULE – E: SAMPLES OF THE MATERIALS:

The sample of the materials to be used by the contractor shall be deposited 15days In advance with the Engineer In charge and be got approval by him before use.

SCHEDULE - F: TIME OF COMPLETION:

The work should start within 7 days of issue of work order and complete within time limits.

SCHEDULE – G: ATTACHED SEPARATELY BASED ON JDA BSR 2016

SCHEDULE – H: SPECIAL CONDITION: Attached Separately.

SCHEDULE – I: LIST OF MATERIAL TO BE SUPPLIED BY THE DEPARTMENT: NIL

SCHEDULE – ‘J’ : SPECIAL CONDITIONS OF CONTRACT REGARDING DEFECT LIABILITY PERIOD (DLP) : Attached separately.

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

Signature of the Contractor
With full Address, Mob No, Landline No & E-mail address

SPECIAL CONDITIONS

SCHEDULE 'H' Part-I

01. Use of Bitumen mixture Tar mechanical lime grinder, cement concrete mixer & vibrator is essential for the work. This shall have to be arranged by the contractor at his own level/cost.
02. If there is any typographical error or otherwise in the 'G' Schedule the rates given in the relevant BSR on which Schedule 'G' has been prepared, shall prevail.
03. The contractor shall follow the contractor lab our regulation and abolition Act 1970 & Rule 1971.
04. The JDA shall have right to cause an audit and 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 then that was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be paid by the JDA to the contractor.
05. The contractor shall not work after the sunset and before sunrise without specific permission of the authority Engineer.
06. Whenever any claim against the contract 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.
07. The rate quoted by the contractor shall remain valid for a period of 4(four) months from the date of opening of the tenders.
08. By submission of this tender the contractor agree to abide with all printed conditions provided in the PWD manual form 64 (Chapter 3 para 36) and subsequent modification.
09. No conditions are to be added by the contractor and conditional tender is liable to be rejected.
10. All transaction in the execution of this work and this tender will be liable to GST as per rules
11. If any tender withdraws his tender prior to expiry of said validity period given at S. No. 7 or mutually extended prior or makes modifications in the rates, terms and conditions of the tender 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, Tar boiler, sprayer etc.
13. The contractor shall arrange his own storage tanks up to 10 Tonnes capacity for storing bulk bitumen wherever supplied by the department.
14. Rules regarding enlistment of contractors provide that work up to the time five times limit for which they are qualified for tendering can be allotted to them Therefore, before tender the contractors will keep this in mind, and submit the details of work. Tenders with incomplete or incorrect information are liable to be rejected.
15. Any material not conforming to the specifications collected at site shall have to be removed by the contractor within a period of 3 days of the instructions, issued by the 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. The tenderer are required to submit copy of their enlistment as contractor.
25. Conditions of RPWA-100 will be mandatory & acceptable to the contractor.
26. 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.
27. The contractor will have to install display boards at site of work as directed by Engineer in charge. Failing which penalty of Rs. 5000.00 per day will be imposed.
28. Special Conditions of Contract regarding Defect Liability Period (DLP) for roads works costing Rs. 25.00 lacs and more shall be applicable.
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 contradiction 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.

Part-II

1. The work is of artistic/special nature. All materials, design and supervision of the work will be carried out through the consultant of the project having artistic approach. Therefore it is highly recommended that Contractor should go through the drawings, site condition and nature of the work, before quoting the rates. Consultant will expect high degree of fidelity to the design and drawing.
2. Contractor should have good experience in using designer timbers and material to make good wooden structure. The contractor will be asked to make special efforts with this consultant of the project on travel and research to source the ballies and wooden beam that meets the design/specific requirement of the work.
3. Contractor should have good experience in stone slab flooring/roofing and stone masonry with lime sand mortar.
4. Prior to Procurement of all material like timber, stone, lime and any other special material etc. with require the prior approval of the samples by the Consultant/Engineer-In-Charge.
5. Prior approval of samples of every module of the work will have to be obtain by the bidder from the Consultant.
6. The work will be executed on sand dunes, therefore the approach to the site may not be accessible to the vehicle and may be required manual means to transport the material.


Executive Engineer (Garden-II)
JDA, Jaipur

Signature of the Contractor
 With full Address, Mob No, Landline No & E-mail address

**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 whichever 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

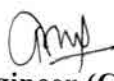
% Recovery on withdrawal of DLP of work order DLP period	1 Year	2 Year	3 Year	4 Year	5 Year
1 Year	1.12	-	-	-	-
2 Year	2.55	1.43	-	-	-
3 Year	4.38	3.26	1.83	-	-
5 Year	9	7.88	6.45	4.62	2.47

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-II)

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 anti- competitive 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 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 a bidding process of, 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.
 - g. Bidder or any of its affiliates has been hired (or is 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:

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity :
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 proceeding 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.**

Dept.) Govt of (1) Filling 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 with in 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) Appeal 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 Appeal:

- (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 authorized 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 there or 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 Document 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 Document. 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 in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided 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

50% 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 other wise 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 is 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, in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more bidders 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 officer/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 proposes 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: Construction of Rest modules in Kishan Bagh project in Horticulture Zone-4 area JDA, Jaipur.

G-Schedule

2016 JDA BSR (Building Works), 2016 JDA BSR

S.No.	Description of work	Quantity	Unit	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	1,335.200	Cum	109.80	146604.96
2	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	625.457	Cum	111.60	69801.00
3	Excavating trenches of required width for pipe cables, etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the excavated soil, and then returning the soil as required in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering etc. and disposal of surplus excavated soil as directed within a lead of 50 Mtr.: All kinds of soil Pipes cables, etc. exceeding 80mm dia but not exceeding 300mm dia.	20.000	Mtr	117.00	2340.00
4	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.	287.135	Cum	40.50	11628.97
5	"Surface dressing of the ground including removing vegetation and inequalities not exceeding 15cm deep and disposal of rubbish lead up to 50 Mtr. and lift up to 1.5 Mtr. All kinds of soil	3,825.000	Sqm	5.40	20655.00
6	Carriage of Earth, sand, lime, morrum manure or sludgewith all lead .	2,247.470	Cum	55.80	125408.83

S.No.	Description of work	Quantity	Unit	Rate	Amount
7	Carriage of Building rubbish stone metal (Grit and ballast etc.) with all lead	400.000	Cum	61.29	24516.00
8	Construction of granular sub-base by providing well graded material, spreading in uniform layers with Tractor Mount Grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per MoRD Specification Clause 401. For Grading I Material	302.047	Cum	400.50	120969.82
9	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and MoRD Specification Clause 406. By Mechanical Means with 1 km lead	77.000	Cum	1,071.00	82467.00
10	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.				
10.1	M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size).	35.653	Cum	2,833.20	101012.08
10.2	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	198.052	Cum	2,058.30	407650.43
11	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 Beams, suspended floors, roofs, griders having slopes up to 15°, landings, balconies, shelves, chajjas, lintels, bands, plain windows sills, staircases and spiral staircases etc. M20 grade Nominal Mix / Design Mix	1.065	Cum	3,232.80	3442.93
12	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)	104.000	Kg	62.10	6458.40

S.No.	Description of work	Quantity	Unit	Rate	Amount
13	Brick masonry with F.P.S. bricks of class designation 75 in foundation and plinth with bricks Cement mortar 1 : 6 (1 cement : 6 coarse sand)	13.200	Cum	2,604.60	34380.72
14	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)	71.550	Sqm	362.70	25951.19
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).	85.437	Cum	1,770.30	151249.12
16	Random Rubble stone masonry with hard stone in superstructure above plinth level and upto five level above 30cm. thick walls in : Dry Masonry.	6.240	Cum	1,486.80	9277.63
17	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 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete. Jhunjhunu / Jalore (Red / Chocolate Colour) Above 3601 Cm2 Slabs	136.390	Sqm	2,402.10	327622.42
18	Extra for providing edge moulding to 15-18mm thick marble/ Granite stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite Work	1,290.400	Mtr	153.00	197431.20
19	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS : 13753 & IS :15622 of size 200mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	193.200	Sqm	462.60	89374.32
20	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.	1.995	Cum	63,379.80	126442.70

S.No.	Description of work	Quantity	Unit	Rate	Amount
21	Providing and fixing fully panelled/partly panelled/ double leaf shutter frame for doors as per approved design and drawings with approved ordinary C.P./ oxidised steel fittings as per Annexure - 'A' and width of styles & top rails of 100mm and lock rails width of 150mm and bottom rails of 200mm width including teak wood beading of size 19mm x 12mm on both faces complete : 30 mm thick Shesham wood grade I	21.900	Sqm	1,424.70	31200.93
22	Providing and fixing wood panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled and glazed shutter 25 mm to 40 mm thick				
22.1	Wood panel grade I Shesham wood grade I	34.425	Sqm	1,296.00	44614.80
22.2	SS wire gauge 14 mesh x 24 gauge	15.616	Sqm	636.30	9936.46
22.3	4 mm plain float glass	15.616	Sqm	523.80	8179.66
23	Extra for providing frosted glass panes 4 mm thick instead of ordinary float glass panes 4 mm thick in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	6.784	Sqm	9.90	67.16
24	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	34,080.590	Kg	66.60	2269767.29
25	Add Extra over item no 24 , if square, rectangular hollow tubular sections are used or grill made by flats only	18,327.330	Kg	6.66	122060.02
26	Stone slab roofing on ground floor with fine grained stone slab from approved quarry including filling of joints of parapet and slab on both sides in cement sand mortar 1:4, with ceiling pointing in cement sand mortar 1 : 3 complete as per specification and instruction of Engineer In Charge	201.000	Sqm	1,079.10	216899.10
27	Grading roof for water proofing treatment with water proffing compound Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	17.600	Cum	2,934.00	51638.40

S.No.	Description of work	Quantity	Unit	Rate	Amount
28	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.	276.500	Sqm	391.50	108249.75
29	Plaster on new surface on walls in cement sand mortar 1:6 including racking of joint etc. complete fine finish : 20mm thick.	278.600	Sqm	92.70	25826.22
30	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.	247.100	Sqm	45.90	11341.89
31	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	808.624	Sqm	39.60	32021.51
32.0	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.	5.000	Each	1,585.80	7929.00
33.0	P & F European type white glazed vitreous china 1st quality W.C pan (IS : 2556 Mark) with P or S trap including cutting and making good the wall and floor	6.000	Each	1,165.50	6993.00
34.0	P & F water closet Seat Covers with brass hinges complete : Solid PVC (IS 2548 marked) grade-I Black for EWC.	6.000	Each	250.20	1501.20
35.0	P & F C.P. lugs for toilet seat cover.	6.000	Pair	60.30	361.80
36	P & F WVC wash basin (1st quality, I.S. : 2556 Mark) of approved make with C.I. brackets duly painted, 1 No. 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 good the wall.: Size 510 mm x 400 mm	10.000	Each	1,427.40	14274.00
37	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.	6.000	Each	2,774.70	16648.20

S.No.	Description of work	Quantity	Unit	Rate	Amount
38	P & F W.V.C. Urinal Partition Plate of approved standard make of size 630x315mm including making good the wall.	6.000	Each	740.70	4444.20
39	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 as per IS : 7231 .	11.000	Each	821.70	9038.70
40	P & F C.P. brass Urinal Flush Pipe set complete with flanged brackets of approved make. For 2 Urinals	3.000	Each	555.30	1665.90
41	P & F Bottle Trap of approved make :				
41.1	C.P Brass 32 mm	10.000	Each	354.60	3546.00
41.2	C.P Brass 40 mm	6.000	Each	384.30	2305.80
42	P & F Toilet Paper Holder with rod of approved quality/make: C.P. brass heavy & Superior quality.	6.000	Each	337.50	2025.00
43	P & F Twin- peg of approved quality / make C.P. brass (heavy)Superior quality	6.000	Each	81.90	491.40
44	P & F Extension Pipe for bib cocks of approved quality/make. C.P. brass of Heavy & Superior quality 50x15mm	10.000	Each	54.90	549.00
45	P & F Grating of approved quality/make: Stainless Steel Sheet size 125mm dia.	19.000	Each	36.00	684.00
46	P & F G.I. pipes (Internal Work) with G.I. Fittings excluding union (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors: Exposed on wall				
46.1	15 mm dia nominal bore 'B' Class	3.000	Mtr	121.50	364.50
46.2	20mm dia nominal bore 'B' Class	15.000	Mtr	156.60	2349.00
46.3	25mm dia nominal bore 'B' Class	3.000	Mtr	207.00	621.00
46.4	32mm dia nominal bore 'B' Class	3.000	Mtr	249.30	747.90
46.5	40mm dia nominal bore 'B' Class	8.000	Mtr	297.90	2383.20
46.6	50mm dia nominal bore 'B' Class	4.000	Mtr	385.20	1540.80
46.7	65mm dia nominal bore 'B' Class	3.200	Mtr	464.40	1486.08
47	P & F G.I. Pipes (External Work) with G.I. fittings excluding union (IS : 1239 Mark) including trenching & refilling earth etc.				
47.1	20mm dia nominal bore 'B' Class	30.000	Mtr	126.00	3780.00
47.2	50mm dia nominal bore 'B' Class	66.000	Mtr	302.40	19958.40
48	Making connection of G.I. distribution branch with G.I. main including all fitting. Beyond 25mm & upto 100mm dia	1.000	Each	243.90	243.90

S.No.	Description of work	Quantity	Unit	Rate	Amount
49	Fixing water meter (IS: 779 mark) and stop cock in G.I. pipe line including making chamber of approved size excluding cost of water meter & stop cock.	1.000	Each	192.60	192.60
50	P & F water meter (IS : 779 mark) of approved make. 25 mm dia	1.000	Each	1,567.80	1567.80
51	P & F Bib Cock (IS : 8931 Mark), Superior quality of approved make:				
51.1	Brass 400 grm, 15mm nominal bore.	5.000	Each	198.90	994.50
51.2	C.P. Brass Long body, 15mm nominal bore weight not less than 690 gm	1.000	Each	639.90	639.90
52	P & F Ball Cock (IS : 1703 Mark) with Rod & P.V.C. Ball complete :				
52.1	Brass wt. 400 gm, 15mm.	1.000	Each	183.60	183.60
52.2	Brass wt. 750 gm, 20mm.	4.000	Each	217.80	871.20
52.3	Brass wt. 1000 gm, 25mm.	1.000	Each	257.40	257.40
52.4	Brass wt. 1000 gm, 32mm.	1.000	Each	282.60	282.60
52.5	Brass wt. 1200 gm 40mm.:	1.000	Each	431.10	431.10
53	P & F Inlet Connection (Angle Valves) Superior quality, of approved make, for Wash basin, Gyser etc. C.P. Inlet connection 15mm. Brass (IS : 8931 marked)	22.000	Each	475.20	10454.40
54	P & F 15 mm. Dia Connection Pipe of approved quality/make : PVC pipe with C.P. Brass nuts upto length, 450mm.	22.000	Each	69.30	1524.60
55	P & F Full-way Valve (IS: 778 Mark) or wheel valve of approved make :				
55.1	Gun-metal 65mm nominal bore.	1.000	Each	1,312.20	1312.20
55.2	Gun-metal 50mm nominal bore.	20.000	Each	1,084.50	21690.00
56	Supply & fixing G.I. Union ISI marked in G.I. pipe line as required complete in all respect of size :				
56.1	15mm dia nominal bore	3.000	Each	79.20	237.60
56.2	20mm dia nominal bore	10.000	Each	107.10	1071.00
56.3	25mm dia nominal bore	4.000	Each	126.90	507.60
56.4	32mm dia nominal bore	5.000	Each	186.30	931.50
56.5	40mm dia nominal bore	2.000	Each	235.80	471.60
57	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.,)				
57.1	15 mm nominal outer dia pipes	30.000	R.Mtr.	159.30	4779.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
57.2	20mm nominal outer dia pipes	31.000	R.Mtr.	165.60	5133.60
57.3	25 mm nominal outer dia pipes	7.000	R.Mtr.	229.50	1606.50
57.4	32mm nominal outer dia pipes	2.000	R.Mtr.	289.80	579.60
58	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: 2000 litres capacity.	4.000	Each	10,800.00	43200.00
59	Hoisting Charges for each floor : For items 57	4.000	Each	90.00	360.00
60	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 110 mm dia	65.000	Mtr	198.00	12870.00
61	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				
61.1	Single Push Fit Coupler 110mm dia	46.000	Each	72.00	3312.00
61.2	Bend 45 Dg. 110mm dia	11.000	Each	75.60	831.60
62	Providing Laying & jointing glazed S.W. pipes grade 'A' (IS:651 marked) of approved make with spun yarn & stiff mixture of cement mortar 1:1, excavation & refilling of earth in all types of soil upto 1.2m depth, S.W. fittings, including testing of joints etc, complete.				
62.1	150mm dia	4.000	Mtr	290.70	1162.80
62.2	200mm dia	16.000	Mtr	413.10	6609.60
63	Providing & Laying C.C. 1:5:10 (Stone aggregate 40mm nominal size) all around S.W. pipe including 15 Cm. thick bed concrete (Width W= Diameter of pipe in Cm+30 Cm.)(Excluding cost of pipe) 200mm dia S.W. pipe	16.000	Mtr	349.20	5587.20
64	P & F Square-mouth gully trap 'A' grade (IS 651-1992 :marked) of approved make complete with C.I. grating, frame & Cover masonry chamber in C.M. 1:6, 100mm thick C.C. 1:5:10 base concrete, 40mm thick C.C.M-15 grade coping, 12mm thick cement plaster in CM 1:3 complete as per approved design & type. Trap size 150 X 100mm, ferrow cement cover with frame, Internal Chamber size 300 X 300mm.	5.000	Each	752.40	3762.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
65	P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2.) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant. 110 mm dia	20.000	Mtr	156.60	3132.00
66	P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant:				
66.1	Coupler (socket) 110mm dia	5.000	Each	62.10	310.50
66.2	Plain Tee 110mm dia	5.000	Each	108.90	544.50
66.3	Bend 87.5 110mm dia	5.000	Each	90.00	450.00
66.4	Vent Cowel 110mm dia	5.000	Each	32.40	162.00
66.5	Pipe Clip 110mm dia	14.000	Each	20.70	289.80
66.6	P- Trap 110mm dia	14.000	Each	222.30	3112.20
67	Construction of manhole in all type of soil inner size 90 X 60 Cm. 300 mm thick masonry in CM 1:6, 10 Cm. thick cement concrete 1:5:10 in foundation, 20 mm thick inside plaster in CM 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring, making channels, 80mm thick stone slab covering with 40mm thick M-15 grade C.C. flooring, Cement cover with frame of 450mm dia, earthwork etc. complete as per design including disposal of surplus earth within 50 mtr. lead.				
67.1	Depth up to 0.5 M	5.000	Each	3,600.00	18000.00
67.2	Add extra over item 67.1 for every additional 0.10m depth above 0.5 m depth.	1.000	Each	135.00	135.00
68	Development of tube well as per IS specification using suitable compressor to give sand free water for required yield of the gravel packed tube well.	6.000	Hours	445.50	2673.00
69	S & F tube well cover of M.S.sheet (6mm thick) with nuts and bolts complete for casing size: 200mm dia	1.000	Each	277.20	277.20
70	Installation of submersible motor pump set in Tube-well/open well complete (labour charges only) including transportation of tripod, chain pulley block & any other material required for lowering purpose.	1.000	Each	2,772.00	2772.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
71	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.				
71.1	Short point (up to 3 mtr.) G1) Complete Rate Group 1	45.000	P. Point, P. point	172.00	7740.00
71.2	Medium point (up to 6 mtr.) G1) Complete Rate Group 1	30.000	P. Point, P. point	270.40	8112.00
71.3	Long point (up to 10 mtr.) G1) Complete Rate Group 1	10.000	P. Point, P. point	379.20	3792.00
72	Wiring of 3 pin 5 amp. Light plug 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, 18 SWG 175 mm x 100 mm x 60 mm M.S. box with earth terminal, 6 A switch, 6 A socket, 3.0 mm thick ISI marked phenolic laminated sheet, zinc plated / brass screws, cup washers, making connections, testing etc. as required.				
72.1	On board G1) Complete Rate Group 1	16.000	P. Point, P. point	72.00	1152.00
72.2	Medium point (up to 6 mtr.) G1) Complete Rate Group 1	2.000	P. Point, P. point	294.40	588.80
72.3	Long point (up to 10 mtr.) G1) Complete Rate Group 1	3.000	P. Point, P. point	398.40	1195.20
73	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.				
73.1	20 mm G1) Complete Rate Group 1	100.000	R.Mtr.	25.60	2560.00
73.2	25 mm G1) Complete Rate Group 1	900.000	R.Mtr.	33.60	30240.00
73.3	32 mm G1) Complete Rate Group 1	50.000	R.Mtr.	52.00	2600.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
73.4	40 mm G1) Complete Rate Group 1	20.000	R.Mtr.	64.80	1296.00
74	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.				
74.1	3x 1.5 sq.mm G1) Complete Rate Group 1	150.000	Mtr	32.00	4800.00
74.2	2 x 2.5 sq. mm. + 1x1.5sqmm G1) Complete Rate Group 1	1,260.000	Mtr	42.40	53424.00
74.3	1 x 4.0 sq.mm G1) Complete Rate Group 1	60.000	Mtr	24.00	1440.00
74.4	2 x 4.0 sq. mm. + 1 x 2.5 sq. mm. G1) Complete Rate Group 1	80.000	Mtr	61.60	4928.00
74.5	2 x 6.0 sq.mm G1) Complete Rate Group 1	60.000	Mtr	71.20	4272.00
75	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.				
75.1	Single pole MCB E060112) 6 A to 32 A rating G1) Complete Rate Group 1	66.000	Each	120.80	7972.80
75.2	Double pole MCB E060121) 6 A to 32 A rating G1) Complete Rate Group 1	1.000	Each	320.80	320.80
75.3	E060122) 40 A 63 A rating G1) Complete Rate Group 1	2.000	Each	551.20	1102.40
75.4	Four pole MCB E060161) 6 A to 32 A rating G1) Complete Rate Group 1	1.000	Each	734.40	734.40
75.5	E060162) 40 A 63 A rating G1) Complete Rate Group 1	10.000	Each	1,102.40	11024.00
76	Supplying and fixing of power plug point accessories on 18 SWG metal box of size 175 x 100 x 60 mm. on surface or in recessed with suitable size phenolic laminated sheet cover including cost of 6 pin 16 amp. Switch and socket outlet , making connection , testing , etc. as required. Complete Rate Group 1	29.000	Mtr	188.00	5452.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
77	Supplying and drawing PVC/ Polythene insulated and PVC sheathed unarmoured/ armoured telephone cable with 0.5 mm dia. Tinned / annealed copper conductor taped &confirming to ITD specification S/WS -113C of approved make in existing surface or recessed conduit/casing capping. Unarmoured Telephone cable in existing surface or recessed conduit/casing capping. E040312) 2 pair G1) Complete Rate Group 1	160.000	Mtr	10.40	1664.00
78	Jelly filled armoured (PIJF) Armoured telephone cable including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, 11nd class bricks covering, refilling earth, compaction of earth, making necessary connection, testing etc. as required of size.				
78.1	E040321) 5 pair G1) Complete Rate Group 1	100.000	Mtr	108.80	10880.00
78.2	E040322) 10 pair G1) Complete Rate Group 1	50.000	Mtr	152.00	7600.00
79	P/Laying ISI marked P.V.C. insulated submersible cable confirming to IS:694 with flexible copper conductor including making connection etc. as required. 2.5 Sq.mm 3 core flat / Round G1) Complete Rate Group 1	80.000	Mtr	72.00	5760.00
80	P & F Krone module with base frame in the recess / surface made out of 16 SWG sheet steel box, front openable, having locking arrangements duly powder painted, including dressing, ferruling and punching of telephone cable with krone tool etc. as required. 10 Pairs G1) Complete Rate Group 1	3.000	Mtr	544.80	1634.40
81	P & F paper phenolic resin bonded laminates confirming to IS : 2036 - 1995 for boxes/ frames including making holes for switches etc, with brass screws, washers/ zinc plated nut and bolts as required. 6.4 mm thick G1) Complete Rate Group 1	2.000	Sqm	712.80	1425.60
82	P&F 240/415 V isolator conforming to IS: 13947-III/ IEC 60947-3 on existing board / sheet including making connections, testing etc. as required. Double pole isolator E060211) 30 A / 40 A rating G1) Complete Rate Group 1	2.000	Each	238.40	476.80

S.No.	Description of work	Quantity	Unit	Rate	Amount
83	P&F of RCBO with overload, short-circuit and earth leakage protection ISI marked (IS12640)/ conforming to IEC 61009/1 complete in all respect including making connections, testing etc. as required. Two pole 100/300mA sensitivity E060323) 40 A rating G1) Complete Rate Group 1	3.000	Each	1,884.80	5654.40
84	P&F Recessed/ Surface mounting heavy duty horizontal type sheet steel Distribution board phosphatised/ powder painted complete with suitable rating insulated copper bus bar, shorting link, neutral link, earth link and din bar,masking sheet, conforming to IS13032 & IS8623 including making internal DB terminations with copper lugs, testing etc. as required.				
84.1	Double door (single phase) E060531) 4 Way G1) Complete Rate Group 1	1.000	Each	600.00	600.00
84.2	E060534) 12 Way G1) Complete Rate Group 1	2.000	Each	852.00	1704.00
84.3	Double door (Three phase) E060543) 8 Way G1) Complete Rate Group 1	1.000	Each	1,984.00	1984.00
85	P&F flush/surface type enclosure for housing MCB/Isolator with Din rail including making connections with lugs, repairs etc. as required. With sheet steel enclosure E060612) Two way G1) Complete Rate Group 1	3.000	Each	232.00	696.00
86	P&F metal clad industrial plug top & socket unit with pin and sleeve type contact on porcelain/ bakelite base in sheet steel enclosure (without MCB) including making connections, testing etc.as required Single / Double Pole (Three pin) E060713) 32 A G1) Complete Rate Group 1	3.000	Each	680.00	2040.00
87	P & F IS:371 marked 6 amp surface type ceiling rose including making connection testing etc. as required. Complete Rate Group 1	13.000	Each	14.40	187.20
88	P & F following modular accessories made out of unbreakable and fire retardant poly carbonate with s				
88.1	6 A one way switch G1) Complete Rate Group 1	19.000	Each	73.60	1398.40
88.2	6 A 3 pin shuttered socket G1) Complete Rate Group 1	19.000	Each	96.00	1824.00
89	P & F following size hot dip galvanized M.S. box of 20 SWG with earthing terminal in recess/ surface				

S.No.	Description of work	Quantity	Unit	Rate	Amount
89.1	1-2 Module G1) Complete Rate Group 1	25.000	Each	32.00	800.00
89.2	5-6 Module G1) Complete Rate Group 1	10.000	Each	65.60	656.00
90	P & F ISI marked following semi modular accessories with decorative cover plate of approved colours				
90.1	RJ-11 telephone jack single two line G1) Complete Rate Group 1	7.000	Each	40.80	285.60
90.2	RJ-45 computer jack with shutter G1) Complete Rate Group 1	9.000	Each	72.80	655.20
90.3	5 step fan regulator G1) Complete Rate Group 1	13.000	Each	183.20	2381.60
91	SITC of wall/ free standing floor mounted dust and vermin proof compartmentalised cubical panel made out of CRCA sheet , required hardware ,duly treated for derusting in 7 tank process with dephosphating and with powder coating on both side of panel in desired shade The panel having PU/ Neoprene rubber gasket of not less than 3mm thickness , separate detachable gland plate M.S. base channel ,hinged door with locking arrangement for equipment/switchgear . Thickness of sheet shall not be less than 1.6 mm up to 600 mm length / width of any compartment and be of 2.0 mm above 600 mm. Load bearing structure shall be of 2.0 mm thick sheet supported by base M.S. channel if required . Side walls and cable alley compartments having bolted type doors with / without detachable extension type structure. (only outer area on all sides shall be measured & panel to be fabricated from CPRI approved fabricator) Complete Rate Group 1	10.000	Sqm	2,201.60	22016.00
92	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 G1) Complete Rate Group 1	15.000	Kg	336.00	5040.00
93	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 G1) Complete Rate Group 1	1.000	Each	880.00	880.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
94	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. Digital type E080421) Below 500 A G1) Complete Rate Group 1	1.000	Each	880.00	880.00
95	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 G1) Complete Rate Group 1	3.000	Each	244.80	734.40
96	SF of 110/220 V, LED (22.5 mm dia) Indicating lamp with integral circuit, terminal block, including connection etc. as required.				
96.1	Red/yellow/Green colour G1) Complete Rate Group 1	2.000	Each	120.00	240.00
96.2	Blue colour G1) Complete Rate Group 1	1.000	Each	200.00	200.00
97	P & F of ac operated heavy duty 230 /440 Volt power contactor conforming to IS: 13947-4-1/IEC:947-4-1 having provision of mechanical interlocking, auuxiliary contacts, Din rail mounting type including making connections, testing etc. as required. 3 pole Power contactors with following AC 3 Rating E081513) 32 Amp. G1) Complete Rate Group 1	1.000	Each	1,720.00	1720.00
98	P&F of mechanical / digital time switch having following day / week programme and minimum 100 hours reserve and AC1 rating of 16-20 amperes including making connection, programming etc. as required. One day & week reserve (digital type) G1) Complete Rate Group 1	1.000	Each	4,596.80	4596.80
99	SITC of quick make and quick break 3 pole current limiting MCCB having following current rating, short circuit breaking capacity at 440/415 V, 50 Hz; O/L & S/C settings and conforming to IS 60947-2 / IEC 60947-2 with front face and centralised adjustable, line load interchangeability, having positive isolation capability, provision for UVR , shunt trip , earth fault trip, push (test) to trip, including making connections with lugs & spreaders, etc. as required. With Thermal Magnetic release E090613) up to 100 Amp , 25 kA, adjustable O/L & fixed S/C setting, Ics = 100 % Icu G1) Complete Rate Group 1	1.000	Each	3,825.60	3825.60

S.No.	Description of work	Quantity	Unit	Rate	Amount
100	P/Laying P.V.C. / XLPE insulated & P.V.C. sheathed cable of 1.1 KV grade with aluminium conductor of IS:1554 P-I / IS :7098 P - I of Group I of approved make in ground as per IS:1255 including excavation of 30cmx75cm size trench, 25 cm thick under layer of sand, 11nd class bricks covering, refilling earth, compaction of earth, making necessary connection, testing etc. as required of size.				
100.1	6.0 Sq.mm E110103C) 4 core Armoured) Complete Rate Armoured	600.000	Mtr	116.80	70080.00
100.2	10.0 Sq.mm E110104C) 4 core Armoured) Complete Rate Armoured	30.000	Mtr	136.00	4080.00
100.3	16.0 Sq.mm E110105C) 4 core Armoured) Complete Rate Armoured	60.000	Mtr	142.40	8544.00
100.4	70.0 Sq.mm E110109D) 3.5 core Armoured) Complete Rate Armoured	80.000	Mtr	310.40	24832.00
101	Supplying and making one end termination with heavy duty single compression brass gland SIBG type, heavy duty aluminium lugs duly crimped with crimping tool, PVC tape etc for following size of Armoured PVC insulated & PVC sheathed/ XLPE aluminium conductor cable of 1100 volt grade as required of size.				
101.1	3.5 x 70.0 sq.mm CR) Complete Rate	2.000	Per Set	148.80	297.60
101.2	4 x 6.0 sq.mm CR) Complete Rate	90.000	Per Set	50.40	4536.00
101.3	4 x 10.0 sq.mm CR) Complete Rate	2.000	Per Set	50.40	100.80
101.4	4 x 16.0 sq.mm CR) Complete Rate	2.000	Per Set	86.40	172.80
102	P / L of Double wall corrugated HDPE pipe confirming to IS : 14930 P - 1 & 2 with HDPE Coupler at 1 mtr. Depth below the ground for laying cable including making the trench and back filling , compaction of earth as required of Gemini or IS:14930 marked make. Outer Dia. / Inner dia. 110 / 95 mm CR) Complete Rate	40.000	Mtr	160.00	6400.00
103	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.				
103.1	8 SWG G.I. (Hot Dipped) Wire G1) Complete Rate group-I	50.000	Mtr	7.20	360.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
103.2	25mm x 6mm G.I. (Hot Dipped) Strip G1) Complete Rate group-I	15.000	Mtr	88.00	1320.00
104	Making of hole in wall of required size for housing exhaust fan and making good the same, with cement plaster as required of following size: Up to 457 mm size L) Labour Charges	12.000	Each	160.00	1920.00
105	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 G1) Complete Rate Group-I	13.000	Each	1,516.80	19718.40
106	P & F 18 swg M.S. Recessed fan box, hexagonal/ round of size 130 mm dia, depth 75mm, 12 mm dia rod fan hook with 100 mm length extended on each side . Complete Rate Group-I	13.000	Each	76.00	988.00
107	P&F of Heavy duty capacitor start, Double ball bearing 900/1400 RPM single phase ISI marked Exhaust fan,IS:2312 marked in existing opening including making connections testing etc. as required. 300 mm sweep(900/1400 RPM) G1) Complete Rate Group-I	12.000	Each	2,401.60	28819.20
108	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 G1) Complete Rate Group 1	33.000	Each	728.80	24050.40
109	P & F Fluorscent tube rod in existing fixtures as required, T5 lamps E190732) 28 Watts G1) Complete Rate Group 1	33.000	Each	112.00	3696.00
110	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	7.000	Each	963.20	6742.40
111	P & F two pin energy efficient compact fluorscent lamp in existing holder/fixture as required. 11 watt G1) Complete Rate Group 1	7.000	Each	90.40	632.80

S.No.	Description of work	Quantity	Unit	Rate	Amount
112	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 E193121) LED Downlight 18/20W G1) Complete Rate Group 1	84.000	Each	3,200.00	268800.00
113	P & F of IP20 LED batten type light fixture made from CRCA sheet steel housing suitable for mounting LED tube system (integral driver), Power Consumption of 18W / 36W 1500-3000 lumens, system lumen efficiency 80 lm/Watt output, life time of 50,000 burning hours with 70% initial lumen maintained. CCT 3000°K, 4000°K & 6000°K. 4' LED Tube shape fixture 18W G1) Complete Rate Group 1	16.000	Each	3,600.00	57600.00
114	Supply , Drawing and Testing of 4 pair, 24 AWG UTP Cat 6 Cable as per latest amendments of TIA /EIA 568 B.2-1 Specifications in existing MS/PVC Conduits including making connections to Information outlets and Patch Panels with ferruling at both ends for identification with necessary tools for punching, stripping, crimping and testing required. Complete Rate Group 1	500.000	Mtr	28.80	14400.00
115	Supply ,Installation and Testing of 19 " Rack mounted/ surface mounted aluminium / CRS powder coated singlemode glass Fiber Optic Cable Patch panel / LIU along with adapters for ST II/ SC/LC/MT-RJ/PC 24 Ports G1) Complete Rate Group 1	1.000	Each	8,960.00	8960.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
116	Supply , Installation, Testing and Comissioning of Wall mounted Communication rack with glass doors, handles ,lock , Top and Bottom Cable entries, Supports for mounting rack on wall , Cable managers, one Fan, Equipment mounting hardware, power supply box for supplying power to switches, fans etc along with earth continuity kit, Mcb, indicator, moulded power supply cable. 9 U(44 mm) wall mounted G1) Complete Rate Group 1	1.000	Each	8,400.00	8400.00
117	Supply and fixing of Oil / Air break Starter panel made out of sheet steel powder coated enclosure comprising of over load protection relay, short circuit & single phasing protection, ON / OFF push buttons, ammeter, voltmeter, indicating lamps etc. complete in all respect suitable for following rating motors. For Three phase Submersible / Mono block pump. E261321) 3.0 HP to 10.0 HP (DOL) G1) Complete Rate Group-I	1.000	Each	3,560.00	3560.00
118	Plate Earthing as per IS:3043 with G.I. Earth plate of size 600mm x 600mm x 6.0mm by embodying 3 to 4 mtr. below the ground level with 25 mm dia. G.I. 'B' class watering 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 size300mm x 300mm complete with alternate layers of salt and coke/charcoal, testing of earth resistance as required. Complete Rate group-I	2.000	Per Set	3,400.00	6800.00
119	Supply and fixing & testing of feeder type penal board suitable for upto 15 HP electric motor having star delta/ DOL starter (L&T /BCH), MCB 32 amp.(havals /L&T), capacitor 3 KVR (L&T/Havals), Single phase priventor(L&T/havals),indicating lamp RYB , Amp. Meter (0 to 30Amp) , Volt Meter with selector switch (0 to 500 V) size 100 mm, kit kat fuse unit 100 amp,backlite sheet for fixing of 3 phase electric meter of JVVNL electric feeder penal approved as per design and specification mounted on angle iron fram and fixed plain on plain cement concrete plateform, size of feeder penal box 900X 450X1200mm (D-547 dt. 20.12.2011) Star Delta above 5 HP to 15 HP	1.000	Each	24,915.00	24915.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
120	SITC of radial / mixed flow submersible motor pump sets ISI marked (IS:8034-1989) of approved make with required accessories including making connection suitable for T.W./ D.C.B./ Open well. The job includes lowering of riser pipe, G.I./ H.D.P.E. pipe with rope, cables, installation of complete fitting and accessories, jointing of electrical cables up to switch board. All labour for testing of submersible pumps set and supply of water to water mains, complete in all respect. 100 mm diameter Submersible pump shall have following HP Rating, phase, Head, minimum Discharge respectively. E260723) 5.0 HP, 3-Ø, (55-150)Mtr, (166-60)LPM G1) Complete Rate Group-I	1.000	Each	23,184.00	23184.00
121	Supply & fixing of GI pipes with flanges duly screwed & welded including rubber washer, nuts & bolts of 8mm dia complete in all respect ISI make. B class 50mm dia G1) Complete Rate Group-I	150.000	Each	223.20	33480.00
	Non BSR Items				
122	Providing and fixing of hand-cut Gangapur cobbles of 100mm x 100mm x 100mm size, to be embedded in 20mm cement sand mortar (1:4), with a 10mm groove filled with cement sand mortar including pigment shade to match the colour of the cobbles (Drawing no ED-01,03). Cobbles are to be laid in specific patterns, neatly finished, according to the drawing and under close supervision of the architect. (See Indicative Photograph/Drawing no ED-01,02).	385.000	Sqm	2,466.00	949410.00
123	Providing CNC cutting for MS sheet of thickness 4mm as per drawing and detail provided by consultant and as per sample approved. (Drawing no. ED-03)	20.800	Sqm	3,300.00	68640.00
124	Add extra for labour for welding and artistic finishing work, as per design to create layers of interwoven MS steel bars arranged in a pattern. Finishing work as per direction of consultant and engineer in charge.	200.000	Kg	149.00	29800.00
125	Providing & placing of locally available Quartzite (weathered/eroded) rocks/stones of approximate size 500 x 500 x 500 to 900 x 900 x 500, used as seats and arranged as per direction of consultant and engineer in charge with all leads. (See Indicative Photograph/Drawing no TP- 01,02, 08)	18.450	Cum	2,287.00	42195.15

S.No.	Description of work	Quantity	Unit	Rate	Amount
126	Providing and fixing of Dressed quartzite stone flooring. Quartzite stones of size varying between 200mm to 600mm, with a thickness of 100 to 200mm to be placed on existing PCC fixed with Cement sand mortar(1:4) 20mm. thick and top level to be maintained as per drawing. (See Indicative Photograph/Drawing no TP- 01,02)	380.000	Sqm	952.00	361760.00
127	Providing & fixing 500mm wide and 50mm thick Machine-cut flamed granite stone slab covering fixed in Cement sand mortar (1:4) including making of slot at the joint of stones on both side with details specified in the drawing.(Drawing no TP- 01,02)	22.500	Sqm	5,544.00	124740.00
128	Providing and fixing chisel-dressed "kerbstone" (made of Gangapur sandstone of 150mmx350mm size, (mixed colours), machine-cut, with top edges rounded to a radius of 15 mm along driveway/roads/parking bays with top edges in lime surkhi mortar 1:2 including pointing with lime cream and stone dust with an admixture of pigment complete in all respect as per direction of Engineer incharge. Colour and quality of sandstone will be as suggested by consultant and engineer in charge. (Drawing no TP- 01,02)	45.000	Mtr	1,005.00	45225.00
129	Providing and fixing hand-dressed, rough 75mm thick Buddhpura/Bijolia sandstone slab for upright/horizontal members. The sides of the vertical slab should not be machine cut. The finished look must show natural split edge complete in all respect.(Drawing no VC-03,04 , TP - 05,06,07)	232.990	Sqm	1,987.00	462951.13
130	Exposed surface Coursed random rubble masonry in Quartzite, with each course finished by sandstone pattis of 20 - 60mm thickness and minimum length of 300mm for the use of thin, flat, pieces. Each course should be a maximum of 450mm high and should accommodate as many large boulders as possible. The boulders should be tightly packed with lime surkhi mortar 1:2 (1 Lime putty : 2 Surkhi). The finished wall surface should not show any kind of pointing between the stones as per direction of the Consultant and Engineer in charge. (Drawing no TP - 03, 06, 07, VC 05) For wall thickness 30 cm and above in superstructure.	407.037	Cum	5,451.00	2218758.69

S.No.	Description of work	Quantity	Unit	Rate	Amount
131	Providing and fixing Buddhpura/Bijolia stone of approved shade, 60 mm thick. The slabs will be machine-cut on the horizontal plane, and hand-dressed on the ends on both sides. The slabs will be fixed to wooden brackets underneath by means of dash-fasteners/screws or equivalent means. The top of the plug should be set inside the slab so that it is not visible. (Drawing no RP- 01)	171.600	Sqm	1,622.00	278335.20
132	Providing and fixing hand-dressed 50 mm thick Buddhpura (Bijolia/Karoli/Jodhpur or similar) sandstone coping for the low peripheral edge wall in lime surkhi mortar 1:2 including pointing in cream and stone powder 1:1 with an admixture of pigment to exactly match the shade of stone, including 10mm half-round chisel-dressed moulding, complete in all respects. (Drawing no VC - 01,03)	122.820	Sqm	1,249.00	153402.18
133	Providing and fixing of undressed 50 mm thick Nagauri red (from Khatu) sandstone slab, to frame the windows on all four sides and the doors on three sides with both the edges unfinished. The sandstone frame is to be fixed to the wall using lime surkhi mortar 1:2 including pointing in cream and stone powder 1:1 with an admixture of pigment to match the shade of the stone, complete in all respects. (Drawing no VC - 03,04)	137.544	Sqm	1,523.00	209479.51
134	Providing and fixing of Flamed Grey granite of approved shade 75mm thick, stepping stones 1.2 - 1.5m long and 250 – 300mm wide. The edges will be wavy and moulded in a rounded form ('gola') as per direction of consultant and Engineer in charge. (Drawing no VC - 01,02)	20.000	Sqm	4,858.00	97160.00
135	Providing and laying 7 mm Red Grit (made by Crusher from red rhyolite stone) to fill the raised courtyard and central courtyard to be brought from Rohat – (Pali district) as approved by the consultant and engineer in charge. (Drawing no VC - 01)	29.800	Cum	4,064.00	121107.20
136	10-15mm thick Mud-coloured rough plaster made of white cement and local sand (1:6) and colouring powder for walls, finished with undulations as done by hand in village houses, as approved by consultant and engineer in charge. (Drawing no VC -03, 04)	31.500	Sqm	236.00	7434.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
137	Providing and fixing a 125 mm average dia. wooden balli Beam/rafters made of the heartwood of desi babool (Acacia nilotica) with the sapwood completely removed to expose only the dark heartwood. Finished wood should be lightly planed and sand papered to achieve smooth finish. Fixed to the upright post/balli joist below by means of square / Rectangular peg ('chool') as per the diagram with all the fittings (nails, screws and hardware, etc) according to drawings provided, complete in all respects as per directions of the consultant and engineer in charge.(Drawing no VC 02,03, BE-02,03)	346.200	Mtr	1,453.00	503028.60
138	Providing and fixing 150mm average dia Wooden balli trusses of the roof structure. Wooden balli should be made of the heartwood of desi babool (Acacia nilotica), rough-hewn, with sapwood completely removed to expose only the dark heartwood. Finished wood should be lightly planed and sand papered to a smooth finish. Balli roof members will be fixed to the postplate balli members with large nails as per the drawing, with all fittings (nails, screws and hardware, etc) according to drawings provided, complete in all respects as per directions of the consultant and engineer in charge. (Drawing no VC - 02,03)	320.900	Mtr	1,593.00	511193.70
139	Providing and fixing seasoned cut-section Wooden battens 50 x 50 mm to make a frame for the slate roof, made from desi Babool (Acacia nilotica) fixed on top of balli rafters as shown in the drawing, complete in all respects with all the joinery and fastening. (Drawing no VC - 02,03)	392.000	Mtr	149.00	58408.00
140	Providing and fixing 75mm average dia bundled Arna (Clerodendrum phlomidis) purlins for pergolas, to be tied to the Wooden rafters. Fixing to be done by tying with 6mm thick ropes of undyed Manila/Sunn/Saccharum rope. (Drawing no VC - 03, 05)	608.000	Mtr	327.00	198816.00
141	Sourcing and placing/fixing of 200mm thick Kheemp (Leptadenia pyrotechnica) thatch on top of purlins, tied down with rope (made of seenio or kheemp) in a 'barfi' pattern as approved by the Architect. (Drawing no VC - 03, 05)	264.000	Sqm	508.00	134112.00

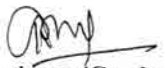
S.No.	Description of work	Quantity	Unit	Rate	Amount
142	Providing and fixing Slate roof made of overlapping slate tiles/slabs 10-20mm thickness (depending on availability) of approximately 300 x 600mm. The extent of overlapping will be 350mm for each tile. The slate will be fixed to a grid of wooden battens with bolts/screws/washers, complete in all respects with joinery and fastening. Colour and quality shall be approved by the consultant and Engineer in charge. (See indicative Photograph attached and Drawing no VC - 03. (Roof area to be measured.)	92.400	Sqm	5,867.00	542110.80
143	Providing and fixing balli rails made from any of the following timbers: Desi Babool (Acacia nilotica), Neem (Azadirachta indica), Goondi (Cordia gharaf), siris (Albizia lebbeck) or Bor (Ziziphus mauritiana), with the sapwood completely removed to expose only the dark heartwood. Finished wood should be lightly planed and sand-papered to a satisfactory smooth finish. The ends of each balli railing should be rounded. The size of the balli rail should be 75-100mm dia (after removal of sapwood) with all fittings (nails, screws and hardware etc) according to drawings, complete in all respects as per directions of the engineer in charge. The joint of rail and balusters should be neatly done with making a notch as per approved sample. (Drawing no VC - 02,03,05 RP 01)	2,245.700	Mtr	1,078.00	2420864.60
144	Providing and placing 20 numbers of granite boulders ranging in size from 1 to 3 cum = 6nos, 3 to 5cum = 6nos, 5 to 8cum = 8nos. for the main exhibit. The boulders will need to be handpicked and be of approved colour and shape with rounded, eroded surface individually selected by the architect. The granite should be sourced from any of the granite producing mines from Ajmer, Beawar, Pali, Jalore, Alwar or Udaipur with all lead and lift. Installation of the granite boulders on site will be over an excavated bed of 1 m depth which will be filled with available granite soil. Each boulder will need to be carefully placed and oriented as per directions of consultant and Engineer in charge. For this purpose, the use of a heavy-duty lifting device will be necessary. (Drawing no MH-01,02)	180.000	Tonne	4,698.00	845640.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
145	Providing and fixing of flat-topped granite flagstones of size 0.3m - 1.5m in both directions, with intact natural surface, sourced from any of the granite producing mines from Ajmer, Beawar, Pali, Jalore, Alwar or Udaipur with all lead and lift. The thickness of the flagstones shall be 125mm-200mm. The rocks will vary in size and shape and will be selected and approved by the consultant at the place where they are sourced from with all lead. Fixing of the rocks over the bed of sub base and by fitting them closely together, cutting with a chisel to the correct size and cutting off their ends if necessary as per the instructions of the architect. The finished surface of the walkway shall be perfectly flat with well-fitted joints. In some cases it may be necessary to round off sharp edges by using an edge grinder Complete in all respect (Drawing no MH-01,02)	60.000	Tonne	4,497.00	269820.00
146	Providing and spreading of Granitic topsoil / Granite quarry rubbish at site to fill the central excavated area in Microhabitat 1, shall be sourced from any of the granite quarry in Ajmer, Beawar, Pali, Jalore, Alwar or Udaipur districts as selected by the consultant with all lead and lift. At site the topsoil will need to be raked and watered until it is settled in place. (Drawing no MH-01,02)	131.625	Cum	2,605.00	342883.13
147	Providing and placing a Thorn Fence made from the smaller twigs/dried branches of Bordi (Ziziphus nummularia) and Desi Babool (Acacia nilotica). The small, dried, thorny twigs of bordi/babool should be densely packed & tied together to form an obstacle as shown in drawing. The quality and size of the twigs be as approved by the consultant and EIC. Height of the Fence shall be about 750mm and width 1 metre. Ballis of Israeli Babool/Vilaiti Kikar 800mm high and 75mm dia will be pegged 150mm into the ground by making the lower edge pointed. (This is the only bit of dressing required for these ballis). These ballis need to be placed along the line of the thorn fence at 2 metre intervals centre to centre and the thorn fence will be tied to these ballis with the help of rope. Fixing to be done by tying with 6mm thick ropes of undyed Manila/Sunn/Saccharum rope. (Drawing no MH-01,02, 03)	1,255.000	Mtr	417.00	523335.00

S.No.	Description of work	Quantity	Unit	Rate	Amount
148	Providing and fixing balli balusters of 100 mm average dia. made from the heartwood of any of the following timbers: Desi Babool (Acacia nilotica), Neem (Azadirachta indica), Goondi (Cordia gharaf), Siris (Albizia lebbeck) or Bordi (Ziziphus mauritiana), with the sapwood completely removed to expose only the dark heartwood. Finished wood should be lightly planed and sand-papered to achieve smooth finish. Fixed to the edge wall with a MS cup (excluding cost of MS cup and hold-fast) fixed to the hold-fast including all fittings (nails, screws and hardware etc) according to drawings, complete in all respects as per directions of the consultant and engineer in charge. The joint of rail and balusters should be neatly done with making a notch as per approved sample. (Drawing no WD-02,03, RP-01)	1,586.100	Mtr	1,174.00	1862081.40
149	Providing and fixing wooden Steps 40mm thickness for Stairways made from the lightly planed timber of desi Babool (Acacia nilotica) as per design, with all the fittings (nails, screws and hardware, etc. as per direction of Consultant and engineer in charge. (Drawing no WD- 02)	453.750	Sqm	2,322.00	1053607.50
150	Providing and fixing hand-dressed, rough 50mm thick Buddhpura/Bijolia sandstone slab of width up to 500 mm and length up to 3300 mm, for upright/horizontal members without machine cut finish. The finished look must show natural split edge. Vertical slab is to be set in cement concrete (excluding the cost of cement concrete) at the base including making holes to fix the wooden bracket as per drawings (Drawing no BE-02,03) complete in all respect.	26.970	Sqm	1,502.00	40508.94
151	Providing and fixing 5 mm-thick SBR Styrene Butadiene Rubber Sheet, for providing a cushion between joints , complete in all respects as per the directions of the engineer in charge. (Drawing no. BE-03)	149.680	Sqm	1,199.00	179466.32

S.No.	Description of work	Quantity	Unit	Rate	Amount
152	Providing and fixing Wooden half balli of 125mm average dia brackets made of the heartwood of desi babool (Acacia nilotica) with the sapwood completely removed to expose only the dark heartwood. Finished wood should be lightly planed and sand papered to achieve smooth finish. Ballis will be split into two halves to make the brackets and shall be fixed to the post/balli joist by means of square / Rectangular peg ('chool') or recess as per the diagram with all the fittings (nails, screws and hardware, etc) according to drawings complete in all respects as per directions of the consultant and engineer in charge.(Drawing no BE-02,03,04)	193.000	Mtr	818.00	157874.00
153	Providing and fixing wooden log seats made from 3/4 logs of any of the following timbers: desi babool (Acacia nilotica), neem (Azadrachita indica), Siras (Albizia lebbeck), Jamun (Syzigium cumini) as suggested by the consultant. Dimensions of the log should be 350-400 mm dia and length 1200 - 1500 mm. The log should be planed smooth on its upper surface, but on all the sides below, the bark should be retained. The sharp edges on top will need to be lightly rounded off. Each log will rest on top of two 'feet' as shown in the drawing, made of the heartwood of desi babool, with all the pale sapwood removed. Dimensions of the feet are 550 mm long and 150-400 mm high, and 100-150 mm wide. The top of the feet will be carved out to hold the log as shown in the drawing (Drawing no BE-01,03, 04) including all nailing etc complete in all respect.	12.000	Nos.	7,582.00	90984.00
154	Providing and fixing wooden balli posts of 150 mm average diameter and upto 3500 mm in length for pergolas made of heartwood of any of the following woods:- desi babool (Acacia nilotica), neem (Azadirachta indica), goondi (Cordia gharaf) or Siras (Albizia lebbeck) with the pale sapwood completely removed. Finished wood shall be lightly planed and sand papered to achieve smooth finish. Because of the special nature of these Ballis, each specimen shall be approved by the consultant. At base, the Balli posts are to be reduced in diameter, coated with bitumen/LDPE sheet and inserted with MS holdfast into a cement concrete (Excluding cost of cement concrete and MS holdfast)base, complete in all respect.(Drawing no BE-02,03)	488.300	Mtr	1,549.00	756376.70

S.No.	Description of work	Quantity	Unit	Rate	Amount
155	Providing and fixing of a wooden frames of size 600x1450mm, made from Khejri/ Bordi/ Akado branches which should be of average 50 mm thickness. The frame shall be filled with a net made of closely interwoven branchlets and twigs of Khejri/ bordi of size 20-40mm, which shall be tied together with rope made from Saccharum to make a panel as suggested by consultant and Engineer in charge. (Drawing no BE-02,03, 04)	278.850	Sqm	894.00	249291.90
156	Providing and fixing of 450 mm-thick thatch over wooden frame or panels, made of small, Thorny Bordi (Ziziphus nummularia)/ Khejri (Prosopis cineraria) or similar twigs, tied with a rope to the frame underneath as per architect's instructions.(Drawing no BE-02,03, 04)	375.000	Sqm	694.00	260250.00
157	Providing and applying 3-4 coats of double-boiled Linseed oil (Alsi ka tel) on a prepared surface of wood/wooden ballis, well finished with sandpaper. The oil needs to be thoroughly removed and the surface has to be rubbed with a cloth after each coat, to give an even look.	1,895.195	Sqm	211.00	399886.15
158	Providing and placing wooden members made from well-seasoned desi Babool (Acacia nilotica) to be used for various purposes like stairs, roof, floors, membrane etc as specified, inclusive of cutting, sizing, finishing and all fittings and hardware, complete in all respects.	5.328	Cum	52,773.00	281174.54
159	Providing and fixing hand-dressed Buddhpura /Bijolia or similar sandstone columns of size 300mm x 150mm. It is important that all four sides of the columns should look like they have been naturally split, and NOT machine-cut. Each column is to be set in cement concrete 1:2:4 (Excluding cost of cement concrete) foundation at the base and making notch at the top to accomodate the wooden balli as per drawings. (Drawing no VC - 02,03)	75.120	R.Mtr.	1,511.00	113506.32
	Total				23155886.65


 Executive Engineer (Garden-II)
 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.