

Template of NIB for Publication in News Paper

JIPUR DEVELOPMENT AUTHORITY

Room No. 31, Main Building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur- 302004
Telephone : + 91-141-2569696 e.mail : ee.10@jaipurjda.org

Dispatch Number: JDA/EE-10/2016-17/D- **346**

Dated: **15.09.2016**

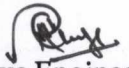
NOTICE INVITING BID

NIB NO : EE-10/ 10/2016-17

Online Bids are invited up-to 6.00 PM of 14.10.2016 for "Construction of approach Road from Agra road Service lane to JCTSL Depot Zone-10 area, JDA- Jaipur." Details may be seen in the Bidding Document at our office or the website of state Public Procurement Portal website www.sppp.rajasthan.gov.in , www.eproc.rajasthan.gov.in and 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
For participating in the Bid, the Bidder has to apply for the Bid and pay the Bidding Document Fee, and RISL Processing Fee online only. Bid security (EMD) amount can be deposite online or through Bank guarantee in prescribed Performa.
2. Registered on e-Procurement Portal of Government of Rajasthan www.eproc.rajasthan.gov.in for online e-Bid submission.


Executive Engineer-10,
JDA, Jaipur.

Template of Detail NIB for uploading on SPP Portal, e-Procurement, JDA Portal
& as part of NIB Document

JAIPUR DEVELOPMENT AUTHORITY

Room No. 31, Main Building Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur- 302004
 Telephone : + 91-141-2569696 e.mail : ee.10@jaipurjda.org

Dispatch Number: JDA/EE-10/2016/D-

Dated :

NOTICE INVITING BID
NIB No. : EE-10/10/2016-17

Name & Address of the Procuring Entity	➤ Name : Executive Engineer-10, Jaipur Development Authority ➤ Address : Room No. 116, 1st floor Court Building, JDA, Jawahar Lal Nehru Marg, Jaipur-302004 (Rajasthan) ➤ Email : ee.10@jaipurjda.org
Subject Matter of Procurement	➤ Construction of approach Road from Agra road Service lane to JCTSL Depot Zone-10 area, JDA- Jaipur
Bid Procedure	➤ Single Stage tender (eg. Single-stage 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 and RISL Processing Fee online only. Bid security deposit may be deposited online or through bank guarantee method in prescribed format. ➤ Bidding Document fee : Rs 500/-Rupees (Five Hundred only) ➤ RISL Processing Fee : Rs 1000/- (Rupees One Thousand only) ➤ Requisite Bid Security Deposit :
Estimated Procurement Cost	➤ INR 29.00 Lacs (Rupees Twenty Nine Lacs only)
Bid Security Deposit	➤ Amount (INR) : 2 % (Rs 58,000/-) (for the A and AA class contractor registered in other Govt. Department) and 0.5 % (Rs 14,500/-) (for Bidder registered as contractor in JDA in D, C, B, A and AA Class) of Estimated Procurement Cost.
Pre-Bid	➤ N/A
Start date for Bid Applying, Online Payment on JDA Portal and Bid Submission on www.eproc.rajasthan.gov.in	➤ Start Date : 22.09.2016 from 9.30 AM onwards
Online payment end date on JDA Portal	➤ End date :14.10.2016 upto 6.00 PM
Bid Submission end date on www.eproc.rajasthan.gov.in	➤ End date : 14.10.2016 upto 6.00 PM
Physical Bank guarantee submission start date	➤ 17.10.2016 from 10.00 AM
Physical Bank guarantee submission closing date	➤ 19.10.2016 upto 2.00 PM
Date/Time? Place of Technical	➤ NA

Bid Opening	
Date/Time/Place of Financial Bid Opening	➤ 19.10.2016 at 3.00 PM ➤ Room No. CCC-TF-309 IIIrd floor, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Negru Marg, Jaipur- 302004 (Rajasthan)
Bid Validity	➤ 120 days from the bid submission deadline
Time period	➤ Three months
Job No.	➤ 104/2016-17
• The amount is to be deposited online by bidder. In case the amount exceeds the online Payment limit the payment may be made through RTGS/NEFT in ICICI Bank Account Number 675401700586 IFSC Code ICIC0006754. After Successful payment, update the UTR/Instrument number on JDA tender portal against the tender you want to participate. The amount deposited will be confirmed by JDA and will be updated online. • 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. Bid security deposit may be deposited online or through bank guarantee method in prescribed format 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 safecrypt, Ncode etc. Bidders who already have a valid Deigital 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 (eprocurement) 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 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-10,
JDA, Jaipur.

As part of NIB Document**Process for participation & Depositing Payment Online**

Jaipur Development Authority has decided to receive Bidding document fee and RISL Processing Fee through online mode only, **Bid security deposit may be deposited online or through bank guarantee** 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 and RISL Processing Fee online only. **Bid security deposit may be deposited online or through bank guarantee method in prescribed format.**
2. Registered on e-Procurement Portal of Government of Rajasthan www.eproc.rajasthan.gov.in for online e-Bid submission.
Methods for depositing online amount
 - Online through internet Banking, Debit card or Credit Card.
 - In case the amount exceeds the online payment limit, the payment may be made through RTGS/NEFT/Transfer in Bank Account Number 675401700586 IFSC Code ICIC0006754 of ICICI Bank limited, JDA Campus Jaipur.

In Case of RTGS/NEFT/Transfer the bidder is required to deposit the requisite amount in the dedicated bank account number as mentioned above and has to get the UTR/ Reference number from the bank. This number requires to be updated while applying the bid on JDA portal.

While participation in the bid, a receipt will be generated through the system showing the submission details as per Annexure-4. 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.

More details about Registration Process, Terms and Conditions and FAQ along with contact details is available on JDA website www.jda.urban.rajasthan.gov.in under e-Services>>JDA tender.

Template of Online Receipt as part of NIB Document**JAIPUR DEVELOPMENT AUTHORITY****Bid Participation Receipt**

Date & Time :

Bid Detail

Bid ID : EE-10/10/2016-17	Procurement Entity	Executive Engineer-10, JDA, Jaipur.
Bid Title :	Construction of approach Road from Agra road Service lane to JCTSL Depot Zone-10 area, JDA-Jaipur	
Bid Value 29.00 Lacs	Bid Opening Place :	Room No. CCC-TF-309 IIIrd floor, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Negru Marg, Jaipur-302004 (Rajasthan)

Bidder Detail

Name fo Entity		Mobile :
Registration Type :		Instrument Amount :
Payment Mode :	Online / UTR	Payment Channel : Payment Gateway/ICICI Branch - JDA
Instrument No.		Instrument date :

Dates Detail

Sr. No.	Event Name	Event Date
1	Publishing date/On line start date for bid applying	22.09.2016 at 9.30 AM
2	Bid Opening Date	19.10.2016 at 3.00 PM

Specific Instrument detail for e Proc Rajasthan

Instrument Type : DD			
Instrument Number	Head Name	Amount	Date
10000	Tender Fee	500.00	
10001	RISL Processing Fee	1000.00	
10002	Bid Security Deposit	58,000/- (for other bidders) & 14500/- (for bidders registered in JDA)	

Issuer Detail : Jaipur Development Authority

Challan Number :

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

SCHEDULE AND SPECIFICATIONS

Name of Work : Construction of approach Road from Agra road Service lane to JCTSL Depot Zone-10 area, JDA- Jaipur.

1. NIB No. : EE.-10/10/2016-17/dated 15.09.2016
2. Approximate cost : Rs 29.00 Lacs
3. Cost of the bid document (In favour of secretary, JDA, Jaipur) : Rs. 500.00 The Bidders are required to submit Bid Security, cost of Bid documents, Bid processing fees through online payment only after registering with JDA on www.jaipurjda.org/e-services/e-tender portal. There should be a gap 3 working days between End date for Bid applying, Online Payment & Bid submission and Bid Opening date. In the absence of such fees the bid of respective bidder will be considered as non-responsive and shall be rejected. Bid security deposit may be submitted online or by way of bank guarantee. In case bidder opt to submit bid security through bank grantee, the bank guarantee should valid up to ten month from the date of opening of the bid in prescribed format
4. Bid Processing Fees : Rs. 1000.00 (In Favour of M.D. RISL, Jaipur.)
5. Bid security (In favour of Secretary, JDA, Jaipur.) : @ 2% Rs. 58000/- (for A/AA class Contractor enlisted in in other Govt. Departments.) and @ 0.5% Rs 14,500/- (for Contractor registered in JDA in D, C, B, A and AA class) through online payment after registering with JDA on www.jaipur.org/e-services/e-tender portal. There Should be a gap 3 working days between End date for Bid Applying, Online Payment & Bid Submission and Bid Opening date.
6. Start date for Bid Applying, Online Payment on JDA Portal and Bid Submission on www.eproc.rajasthan.gov.in : Start Date : 22.09.2016 from 9.30 AM onwards
7. Online payment end date on JDA Portal : End date : 14.10.2016 upto 6.00 PM
8. Bid Submission end date on www.eproc.rajasthan.gov.in : End date : 14.10.2016 upto 6.00 PM
9. Physical Bank guarantee submission start date (if opt. EMD pay through Bank Gurantee) : 17.10.2016 from 10.00 AM
10. Physical Bank guarantee submission closing date : 19.10.2016 upto 2.00 PM
11. Date & Time of Bid opening : 19.10.2016 at 3:00 PM Room No. CCC-TF-309 Illrd floor, CCC building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Negru Marg, Jaipur- 302004 (Rajasthan)
12. Date of submission of Bid fees, RISL Processing fee & EMD fee : 22.09.2016 to 14.10.2016 upto 6.00 PM through online payment after registering with JDA on www.jaipur.org/e-services/e-tender portal. There Should be a gap 3 working days between End date for Bid Applying, Online Payment & Bid Submission and Bid Opening date.
13. Period of completion of work : 3 Months

SCHEDULE – A: INFORMATION USEFUL FOR THE BIDDERS:

The Bidder should see the site and fully understand the conditions of the site before bidding and include all lead, 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 IRC/MoRTH, Rajasthan PWD/JDA detailed specification and to the entire satisfaction of the Engineer-In-Charge of the work.

SCHEDULE – B: LIST OF THE TECHNICAL SANCTION AND DRAWING:

The Technical Sanction, specifications, scope of work and drawings may be seen in office of the undersigned.

SCHEDULE – C: LIST OF THE DRAWING TO BE SUPPLIED BY THE BIDDER:

List of the drawing to be supplied by the bidder NIL. But the bidder shall have to arrange at his own cost drawings required for the work after deposition necessary cost with in JDA.

SCHEDULE - D: TEST OF THE MATERIALS:

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

SCHEDULE – E: SAMPLES OF THE MATERIALS:

The sample of the materials to be used by the bidder shall be deposited 15 days 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 stipulated period given in the work order and should be completed within the prescribed time period. In case of failure, the contractor shall be Liable for action under the conditions of agreement and special condition of the tender.

SCHEDULE – G: ATTACHED SEPARATELY BASED ON 2016 JDA BSR (Road & Sanitary Works) 2015-2016,
2013 NH BSR (BRIDGE WORKS) 2013-14

SCHEDULE – H: SPECIAL CONDITION: Attached Separately.

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

SCHEDULE – J: COST OF BID DOCUMENTS, PROCESSING FEES & BID SECURITY DEPOSITE.

Date of submission of Bid Cost, Bid Processing fees & EMD 22.09.2016 to 14.10.2016 upto 6.00 PM through online payment after registering with JDA on www.jaipurjda.org/e-services/e-tender portal. There should be a gap 3 working days between End date for Bid Applying, Online Payment & Bid Submission and Bid Opening date. In the absence of such fees the bid of respective bidder will be considered as non-responsive and shall be rejected. If a bidder opt bid security to be deposited through bank guarantee, the bank guarantee should be valid for next ten months after the bid opening date. A copy of the such bank guarantee will be required to be attached with the bid submission document uploaded on E-procurement portal of GOR. The bank guarantee will be physically handed over upto prescribed time to Nodal officer of on-line tendering system of JDA i.e. D.D.(E&B) in room No. MB-SF 225A main building, JLN marg, JDA, Jaipur, as per specified in bid documents, annexure-2. Bank guarantee will be in specified Performa enclosed with this bid document.

Signature of the Contractor
With full Address


Executive Engineer-10
JDA, Jaipur

SPECIAL CONDITIONS

SCHEDULE 'H'

01. Use of Bitumen mixture Tar mechanical lime grinder, cement concrete mixer & vibrator is essential for the work. Which shall have to be arranged by the bidder 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 bidder shall follow the bidder labour regulation and abolition Act 1970 & Rule 1971.
04. The JDA shall have right to cause on audit and technical examination of the work and the final bills of the bidder 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 bidder under the contract or any work claimed by him to have been done under this contract and found not to have been executed the bidder 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 bidder 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 bay the JDA to the bidder.
05. The bidder shall not work after the sunset and before sunrise without specific permission of the authority Engineer.
06. Whenever any claim against the bidder for the payment of a sum of money arises out or under the contracts, the JDA shall be entitled to recover the sum by appropriating in part or whole of the security deposit of the bidder. In the event of the security being insufficient or if no security has been taken from the bidder 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 bidder shall pay to JDA on demand the balance remaining due. The JDA shall further have the right to effect such recoveries under P.D.R. Act.
07. The rate quoted by the bidder shall remain valid for a period of 4(four) months from the date of opening of the bids.
08. By submission of this bid the bidder agree to abide with all printed conditions provided in the PWD manual from 64 (Chapter 3-para 36) and subsequent modification.
09. No conditions are to be added by the bidder and conditional bid is liable to be rejected.
10. All transaction in the execution of this work and this bid will be liable to sale-tax vide section 2(B) read with sub clause (4) Sale-tax Rule, 1954.
11. If any bidder withdraws his bid 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 bid 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 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 bidder, who having submitted a bid does not execute the agreement or start the work or does not complete the work and the work has to be put to rebidding, he shall stand debarred for six months from participating of bidding in JDA in addition to forfeiture of Earnest Money / Security Deposit and other action under agreement
12. The bidder 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 bidder shall arrange his own storage tanks upto 10 Tones capacity for storing bulk bitumen wherever supplied by the department.
14. Rules regarding enlistment of bidders provide that work; up to five time limit for which they are qualified for bidding can be allotted to them. Therefore, before bidding the bidder will keep this in mind, and submit the details of work. Bids 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 bidder 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 bidder after expiry of 3 days period.
16. The material collected at site and paid provisionally shall remain under the watch and ward of the bidder till it is consumed, fully on the work.
17. The rates provided in bid 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 Bidder at his own cost.
21. Undersigned has full right to reject any or all bids without given any reasons.
22. Mortar of Masonry work and lean concrete will be permitted by mixer with hopper.
23. As per Supreme Court decision "All contracts with Governments shall require registration of workers under the building and other construction workers (Regulation of Employment and Conditions of Service) Act, 1996 and extension of benefits to such workers under the act."
24. Special Conditions of Contract regarding Defect Liability Period (DLP) for various works costing Rs. 25.00 lacs and more shall be applicable.
25. The bidders are required to submit copy of their enlistment as bidder.
26. Conditions of RPWA-100 will be mandatory & acceptable to the bidder.
27. Any bid received with unattested cutting/overwriting in rates shall be rejected and such bidder will be debarred from bidding for three months in JDA.
28. 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.

Signature of Bidder
with full address & Mobile No.


Executive Engineer-10
JDA, Jaipur

Special Conditions of Contract regarding Defect Liability Period (DLP) for various works costing Rs. 25.00 Lacs and more

- 1.1 The Defect Liability Period (DLP) for various type of works excluding patch repair work shall be according to **JDA Office order no: JDA/Ex.En.(TA to Dir Engg.-I)/2016/D-29 dated 11.03.2016** . Works executed by the Contracting agency shall be maintained by them at their own cost for prescribed time (DLP) from the actual date of completion of work as per the clause in the Contract Agreement and Special Condition of Contract.
- 1.2 No extra payment shall be made to the contracting agency on account of maintenance of Works and removal of defect during Defect Liability Period.
- 1.3 The word "Road Works" means all new Road Works construction, strengthening and renewal works.
- 1.4 The word "Maintenance of Road Works during Defect Liability Period" means
- (i) Routine maintenance of Road Works,
 - (ii) To remove the defect as & when appear in part and entire structure of Road Works, in Specified time and keeping the Road Surface with good riding quality and
 - (iii) Damages due to improper drainage / drains, local flooding, depressions on roads etc.
- 1.5 The contracting agency shall do the routine maintenance of Road works, including pavement, road side and cross drains including surface drains to the required standards and keep the entire road surface and structure in Defect free conditions during the entire period of routine maintenance, which begins at completion of the construction work and ends after respective DLP period.
- 1.6 The routine maintenance shall consist of the routine maintenance operation defined in manual for maintenance of roads of MoRTH and shall be carried out accordingly.
- 1.7 (a) **The routine maintenance activities and their periodicity as per JDA Office order no: JDA/Ex.En. (TA to Dir Engg.-I)/2016/D-29 dated 11.03.2016**

Table-I

S.No.	Type of work	DLP Period
1	Bridge work	5 Years
2	CD work	5 Years
3	CC road, PQC work	5 Years
4	CC tiles/Kerb/ Medians	5 Years
5	Drains	3 Years
6	Roads	
	(i) Two Layer WBM/GSB	6 Months or one full rainy season whichever is later
	(ii) For Renewal/Strengthening	
	(a) BT upto 30 mm thickness	1 Year
	(b) BT above 30 mm to upto 40 mm	2 Years
	(c) BT above 40 mm to upto 90 mm	3 Years
	(d) BT above 90 mm	5 Years
	(iii) New roads	
	(a) BT upto 90 mm	3 Years
	(b) BT more than 90 mm	5 Years
7	Compound wall	3 Years

8	Building work	
	(i) Work pertaining to sanitary works electrical works, Joinery works and painting works.	2 Years
	(ii) Work pertaining to building structure and other civil works.	5 Years
9	Electric work except maintenance	3 Years
10	Sewer/water supply all including STP and water supply related work except maintenance works	3 Years

1.7 (b) The routine maintenance activities and their periodicity

S.No.	Name of Item/Activity	Frequency of operations in one year
1	Restoration of rain cuts and dressing of berms.	Once in a year, generally after rains.
2	Making up of shoulders.	As and when required.
3	Maintenance of Bituminous surface road and/or gravel road/WBM road including filling pot holes and patch repairs etc.	As and when required.
4	Insurance of proper functioning of drains including civil maintenance and desilting of drains. (If constructed by the same Road agency or not)	As and when required.
5	Maintenance of road signs. (If installed by the same Road agency)	Maintenance as and when required. Repainting <u>once in every one and half years.</u>
6	Road Marking, Kerb Stone / Dand. (If done by the same Road agency)	Thermoplastic Paint Maintenance as and when required. Repainting <u>once in every one and half years.</u> Ordinary Paint Maintenance as and when required. Repainting <u>thrice in every years.</u>
7	Damages beyond control of agency.	Road cuts made by various agencies for utility, duly permitted by JDA / JNN will have to be repaired by agency on the same rates of the contract agreement till DLP.

2. General

2.1 Inspection of works during Defect Liability Period

- 2.1.1 The contracting agency shall undertake joint detailed inspection along with Engineer-in-charge/A.En., at least once in three months in case of all Road works. The Engineer-in-charge can reduce this frequency in case of emergency. The Contracting agency shall forward to the Engineer-in-charge the record of inspection and rectification immediately after the joint inspection. The Contracting agency shall pay particulars attention on those road sections, which are likely to be damaged during rainy season.
- 2.1.2 One register has to be maintained by every A.E.n for recording the inspection details of works in his jurisdiction under defect liability period.

2.2 Conditions regarding Security Deposit

2.2.1 Security for DLP-

The contracting agency shall have to furnish security deposit (SD) in the form of Bank Guarantee valid from the actual date of completion, which shall be assigned by the Engineer-in-charge.

2.2.2 Refund of SD –

The Security Deposit will be release in the following stages after satisfactory performance certificate issued by Engineer-In-Charge:-

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

Table-II

S.No.	Released SD DLP period	1 st year	2 nd year	3 rd year	5 th year
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 conditions for managing DLP are as under:-

- (i) At the time of completion of work, final component 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 lakhs but later on due to extra/excess work, if amount of final work crosses more than Rs. 25 lakhs, DLP shall be operative as per rule for each individual item.
- (iv) Similarly if any work is more than Rs. 25 lakhs but later finalization amount of work is less than Rs. 25 lakhs, 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) CIRCULAR 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	9.00	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.
- (c) 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.

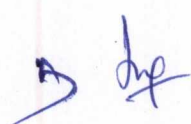
2.2.3 Forfeiture of SD

In case contracting agency fails to rectify the defects within stipulated period notified to him by the Engineer-in-charge concerned under contract agreement, the Engineer-in-charge shall serve a final notice for 5 days time reckoned from the date of issue of notice to rectify the defects. In case the contracting agency not responding to the notice and fails in rectification of defects the Engineer-in-charge will get the defect removed at the risk and cost of the contracting agency. Action such as encashment of Bank Guarantee and action under enlistment rules etc. shall also be taken against the contracting agency by the competent authority.

2.2.4 Force Majeure

The defect arises due to earthquake, cyclone, and natural calamities shall not be the responsibly of contracting agency.

Signature of Contractor
With full Address




Executive Engineer-10
JDA, Jaipur.

Annexure A : Compliance with the code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall:-

- (a) Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process.
- (b) Not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation.
- (c) Not indulge in any collusion, Bid rigging or 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 *Executive Engineer-10* for procurement of *Construction of approach Road from Agra road Service lane to JCTSL Depot Zone-10 area, JDA- Jaipur*. In response to their Notice Inviting Bids No. EE-10/10/2016-17 Dated 15.09.2016 I/We here by 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 :

Place :

Signature of bidder

Name :

Designation:

Address :

Annexure C : Grievance Redressal during Procurement Process

The designation and address of the first Appellate Authority is JDC

The designation and address of the Second Appellate Authority is EC

(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 thereunder, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:

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

Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

- (2) The officer to whom an appeal is filed under Para (1) shall deal with the appeal as expeditiously as possible and shall endeavour 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.

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

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 25 % of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the Supplier fails to do so, the Procuring Entity shall be free to arrange for the balance supply by limited Bidding or 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.

Signature of Contractor
With full Address




Executive Engineer-10
JDA, Jaipur.

Bank Guarantee Performa for Bid security deposit

Form of (Bank Guarantee) -En cashable at branch of the bank in Jaipur City.

To
Secretary,
Jaipur Development Authority,
Jaipur

Sub:

Bank Guarantee No. _____ dated _____ for [amount of Security in figures] [in words]
on behalf of _____ [Name of the Bidder] against the Security
Deposit for the work of "Construction of approach Road from Agra road Service lane to JCTSL Depot
Zone-10 area, JDA- Jaipur"

WHEREAS, _____ [name of Bidder with address] (**hereinafter called
"the Bidder"**) has submitted his Bid dated for the work of "Construction of
approach Road from Agra road Service lane to JCTSL Depot Zone-10 area, JDA- Jaipur." (**Name of Work**)
(Hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that we _____
_____ (Name of Bank) of having our registered office at
_____ [name of country] having our registered office at
_____ (hereinafter called "the Bank") are bound unto Secretary, Jaipur
Development Authority. (Hereinafter called "the Employer") in the sum of Rupees
_____ [**Amount of Security in figures**] _____ (in words) only for
which payment will and truly to be made to the said Employer, the Bank binds itself, its successors,
and assigns by these presents.

That on demand of JDA , this Bank Guarantee is encashable at following branch in Jaipur City.

1. Name of Bank:
2. Name of the branch with branch code:
3. Address:
4. E-Mail Id:
5. Telephone No.
6. Fax No.:

SEALED with the Common Seal of the said Bank this _____ day of _____ of 20_____.

THE CONDITIONS of this obligation are:

- (1) if the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid;
- (2) if the Bidder refuses to accept the correction of errors in his bid;
- (3) If the Bidder, having been notified of the acceptance of his Bid by the Employer during the period of Bid validity;
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instructions to Bidders;

We undertake to pay to the Employer up to the above amount upon receipt of his first written demand, without the Employer having to substantiate his demand, provided that in his demand the Employer will note that the amount claimed by him is due to him owing to the occurrence of one or more of the above conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date 10 months after the date of expiration of the Bid Validity, as stated in the Instructions to Bidders, or any such extension thereto as may be agreed by the Bidder, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

The amount covered under the above Bank Guarantee shall be automatically be credited in the accounts of JDA in ICICI Bank, JDA Campus, Jaipur through **ISFC code No ICICI 006754. Bank Account No. 675401700518** on the date of expiry or its validity, unless the agencies get it re-validated well before its expiry date or produce NOC from JDA in written for its release.

Date _____ Signature of the Bank _____

Witness _____ Seal _____

[Signature, Name and Address]

[Note: To be furnished on appropriate non-judicial stamps.]

Jaipur development authority, Jaipur.

Name of work : Construction of approach Road from Agra road Service lane to JCTSL Depot Zone-10
area JDA Jaipur

SCHEDULE - "G"

BSR Used : 2013 NH BSR (Bridge Works)-2013-2014
2016 JDA BSR (Road & Sanitary Works)-2015-2016

S.No.	Item	Qty.	Rate	Unit	Amount
1	2	3	4	5	6
1	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per MoRD Specification Clause 301.5	5796.000	94.50	Cum	547722.00
2	Granular Sub-base with Well Graded Material (Table 400.1) By Mix in Place Method 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	281.520	400.50	Cum	112748.76
3	Wet Mix Macadam 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	271.575	1071.00	Cum	290856.83
4	Prime Coat Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical means as per MoRD Specification Clause 502. Low porosity	1071.000	31.50	Sqm	33736.50
5	Tack Coat Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per MoRD Specification Clause 503.	1071.000	9.00	Sqm	9639.00
6	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per MoRD Specification Clause 503.	1071.000	10.80	Sqm	11566.80
7	Providing and laying dense graded bituminous macadam with 100-120 TPH batch type HMP producing an average output of 75 tones per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.0 to 4.5 percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H Specifications Clause 507 complete in all respects. For Grading II (19 mm nominal size)	180.732	2722.50	P. MT	492042.87

S.No.	Item	Qty.	Rate	Unit	Amount
1	2	3	4	5	6
8	Providing and laying bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 to 5.6 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT & H Specifications Clause 509 complete in all respects for Grading-II (13 mm nominal size) Bitumen (VG-30)	98.532	2934.00	P. MT	289092.89
9	Marking Centre Line and stop lines etc. on road as per IRC pattern with thermoplastic paint of approved quality and make with 8% glass beads laid on the road surface at temperature 160° C with a special applicator machine complete with a special applicator machine complete with labour material and traffic diversion arrangements	45.000	436.50	Sqm	19642.50
10	Earthwork in excavation for structures as per drawing and MoRD specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. Ordinary soil Upto 3 m depth	102.600	111.60	Cum	11450.16
11	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and MoRD specifications Clause 802, 803, 1202 & 1203 P.C.C grade M 10 Nominal mix 1:3:6	19.800	2646.00	Cum	52390.80
12	Stone masonry work in cement mortar in foundation complete as per drawing and MoRD specifications Clauses 702, 704, 1202 & 1203. Random Rubble Masonry In 1:4 cement mortar	75.150	1948.50	Cum	146429.78
13	Stone masonry in cement mortar for substructure complete as per drawing & MoRD specification Clauses Random rubble masonry In 1:4 cement mortar	70.200	2128.50	Cum	149420.70
14	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	15.000	156.60	Mtr	2349.00
15	Plain/reinforced cement concrete in substructure complete as per drawings and MoRD specification Cla P.C.C. grade M 20 Nominal mix (1:2:4)	48.455	3474.00	Cum	168332.67
16	Plastering with cement mortar (1:4), 20 mm thick on Stone work.	177.000	108.00	sqm	19116.00
17	Providing and laying filter material underneath pitching in slopes complete as per drawing and MoRD specifications Clause 1302	22.500	454.50	Cum	10226.25
18	Providing and laying pitching on slopes laid over prepared filter media as per drawing and MoRD specifications Clause 1302 Stone/Boulder	30.000	495.00	Cum	14850.00
19	Dismantling of cement concrete pavements by mechanical means using pneumatic tools breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 m, stacking serviceable and unserviceable materials separately	1.950	481.50	Cum	938.93

S.No.	Item	Qty.	Rate	Unit	Amount
1	2	3	4	5	6
20	Providing and laying Precast reinforced cement concrete Box culvert section of M-40 grade designed for 'AA' class loading as per IRC specifications including to effect of impact, EQ etc. complete on form base of 200mm thick lean concrete of M-10 grade with aggregate of size 40mm nominal of following internal size the work includes required safety measures construction of drain for diversion of flowing water cost of design of RCC Precast Box and its proof checking from IIT/MNIT Jaipur complete in all respect as per specifications Size 1.00 M x 1.00 M	13.000	15457.00	R. Mtr	200941.00
21	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per Design in Double Row Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in double row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets as per Clause 1106. 1000 mm dia	40.000	7200.00	R. Mtr	288000.00
22	Painting Two Coats on New Concrete Surfaces Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and MoRD Specification Clause 1701	36.000	52.20	Sqm	1879.20
			Total		2873372.62


Executive Engineer-10
JDA, Jaipur

I/we hereby agree to execute the above said work

.....% above/below (In figures)

.....% above/below (In words)

Signature of Contractor
With full Address



