

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR
TENDER DOCUMENTS

(Envelope-1)

TECHNICAL BID
(Post Qualification)

FOR

Name of work : **Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III triveni nagar to Ridhi Sidhi chainage 1400-2300)**

Period of Download	: 19.08.2015 to 03.09.2015
Period of Upload	19.08.2015 to 03.09.2015
Date of submission of D.D./Pay order	: Online payment
Tender Cost, processing Cost & EMD (Hard copy DD)	
Date of opening of technical bid	: 07.09.2015 in the chamber of SE-12, CB-FF_116, CCC Ist Floor JDA, Jaipur.
Cost of tender	: Rs. 1000.00 (Online in favour of Secretary, JDA payable at Jaipur.)
Tender processing Fee	Rs.1000.00 (Online in favour of MD RISL payable at Jaipur.)
Completion period	: 6 Months

Executive Engineer-5
JDA, Jaipur

Name of Agency M/s : -----

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

GENERAL DETAILS OF TENDER:

1.	NIT NO. & Date	E.E.-5/04/2015-16
2.	Name of work	Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III triveni nagar to Ridhi Sidhi chainage 1400-2300)
3.	Estimated Cost	Rs 14,96,00,000.00 Lacs
4.	Cost of the Tender Document	Rs. 1000.00
5.	Earnest Money	Rs. 29,92,000.00 for AA class Contractor enlisted in in other Govt. Departments and Rs 7,48,000.00 for contractor registered in JDA
6.	Sales of Tender	19-08-2015 at 9.30 AM onwards
7.	Date of Submission of the Tender	03.09.2015 at 6.00 PM
8.	Date of opening of Technical Bid	07.09.2015 at 3.00 PM in Chamber of SE-12, CB-FF_116,CCC Ist Floor JDA, Jaipur.
9.	Tender Document issued to	M/s
10.	Tender Cost deposit	Receipt No. Dated

**Executive Engineer-5
JDA, Jaipur**

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Documentation for Tender

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

- (a) Information regarding financial resources and capability in Schedule -I.
- (b) Information regarding works executed in the last five years in Schedule-II
- (c) Certificates from the concerned Engineer-In-Charge in support and verification of the information furnished in Schedule-II
- (d) Affidavit regarding machinery and equipment required for deployment, as detailed in scheduled - III.
- (e) 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.
- (g) Information regarding details of litigation or arbitration contracts to be furnished in schedule - VI.
- (h) Calculation of Bid capacity in schedule - VII.
- (i) Affidavit as per Annexure I.

Signature of the Bidder
With full Address

Executive Engineer-5,
JDA, Jaipur.

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

SCHEDULE AND SPECIFICATIONS

Name & Address of the Procuring Entity	Executive Engineer (5), Jaipur Development Authority Address: Room No. CB-B-E, CCC Building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302004 (Rajasthan)
Subject Matter of Procurement	Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III triveni nagar to Ridhi Sidhi chainage 1400-2300)
Bid Procedure	____ Two part(envelope) ____ (eg. Single-stage Two part (envelope) open competitive) eBid procedure at http://eproc.rajasthan.gov.in
Bid Evaluation Criteria (Selection Method)	LCBS-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.jaipurjda.org
Website for online Bid application and payment *	Website: www.jaipurjda.org 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 Rs. 14,96,00,000.00 (Rupees Fourteen crore Nintety Lacs only)
Bid Security Deposit	Amount (INR) : 2% of Estimated Procurement Cost, 0.5% of S.S.I. of Rajasthan, 0.5% for Bidder registered as contractor in JDA, 1% for Sick Industries, other than S.S.I., whose cases are pending with Board of Industrial & Financial Reconstruction
Start/ End Date for Bid Applying, Online Payment and Bid Submission	Start Date: 19-08-2015 at 9.30 AM onwards End Date: 03.09.2015 at 6.00 PM
Date/ Time/ Place of Technical Bid Opening	07-09-2015 at 3.00 PM 07.09.2015 at 3.00 PM in Chamber of SE-12, CB-FF_116, CCC Ist Floor JDA, Jaipur, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004 (Rajasthan)
Date/ Time/ Place of Financial Bid Opening	Will be intimated later to the Technically qualified bidders
Bid Validity	120 days from the bid submission deadline
Completion period of work	6 Months
* 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 LTD 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 (authorised 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 the Tender Fee, BSD, and RISL Processing Fee, online (subject to confirmation), its Bid shall not be accepted.
3. To participate in online bidding process, Bidders must procure a Digital Signature Certificate (Type III) as per Information Technology Act-2000 using which they can digitally sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency, i.e. TCS, Safecrypt, 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 11th hour issues like slow speed; choking 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 document (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.
11. If any bidder quotes a rate below than the schedule "G" rates, i.e., rates below than at par, then the bidder has to deposit the difference amount i.e. amount between the rates as per at par and below, as work performance guarantee. This amount has to be deposited before the commencement of work and will be refunded after successful completion of work., Lowest bidder will be issued LOA (Letter of Acceptance) and within 7 days period he has to deposit difference amount in the form of B.G./FDR/NSC. The validity of these shall be for a period three months beyond the stipulated date of completion/actual date of completion. In case of non deposition of the same in specified period, the 2% bid security will be forfeited. In case work is not completed satisfactorily, the work performance security will be forfeited along with bid security

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 given 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 JDA.

SCHEDULE - D: TEST OF THE MATERIALS:

The testing 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 duly approved by JDA shall have to be engaged at site by the contractor at his

cost. The JDA reserves the right to engage such staff and recover the wages 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 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: BOQ IS ATTACHED SEPARATELY BASED ON BSR PWD 2013 (BUILDING/ROAD/NH)

SCHEDULE - H: SPECIAL CONDITION: Attached Separately.

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

Signature of the Bidder
With full Address

Executive Engineer-5,
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 by 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, Batch Mix plants and sensor paver, road roller, Tar boiler, sprayer , CC equipments 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 Roads 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.
29. If any bidder quotes a rate below than the schedule "G" rates, i.e., rates below than at par, then the bidder has to deposit the difference amount i.e. amount between the rates as per at par and below, as work performance guarantee. This amount has to be deposited before the commencement of work and will be refunded after successful completion of work., Lowest bidder will be issued LOA (Letter of Acceptance) and within 7 days period he has to deposit difference amount in the form of B.G./FDR/NSC. The validity of these shall be for a period three months beyond the stipulated dated of completion/actual date of completion. In case of non deposition of the same in specified period, the 2% bid security will be forfeited. In case work is not completed satisfactorily, the work performance security will be forfeited along with bid security.

Signature of Bidder
with full address & Mobile No.

Executive Engineer-5
JDA, Jaipur

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

1. ROAD WORKS

- 1.1 The Defect Liability Period (DLP) for all Road works excluding patch repair work shall be three years. Road works executed by the Contracting agency shall be maintained by them at their own cost for three years (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 Road 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 & Road furniture , 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 three years.
- 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 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.En 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:-

S.No.

1	After completion of one year	20 % of SD Amount
2	After completion of two year	20 % of SD Amount
3	After completion of three year	Remaining 60% of SD Amount

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-5
JDA, Jaipur.

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

ADDITIONAL SPECIAL CONDITION:-

1. The renewed roads shall be under defect liability period of the agency executing the work for 3 years after actual date of completion of work.
2. The agency shall make advance stock of materials of seven days to facilitate proper sampling and testing.
3. The agency shall make available fully equipped laboratory with all required testing equipments to perform tests at plant and site along with technicians.
4. The agency shall make available a site office with all necessary arrangements at no extra cost. The agency shall remove this site office after the completion of the work.
5. In case some agency stands as L1 in more than one work and the rate is considered to be reasonable then while computing the bid capacity the value of work (choice of work will be given by agency) will be included as liability on the part of agency for the purpose of evaluating bid capacity for the other work.
6. Third party supervision of QC shall be followed in the works.
7. Agency shall have to submit a work plan, which shall be adhered to and shall be penalized in case of delay.
8. Agency to take levels of road jointly with site staff of the Engineer In Charge before execution of the work at his own cost and get the final levels approved from Engineer In Charge before execution.
9. Agency shall arrange video graphing and Photography the road prior to start of work, during execution of work and after completion of the work at his own cost and submitted to JDA.
10. The Agency shall deploy Engineer & Technical staff as required at plant and site, In case of failure JDA shall engage and deduct the actual salaries from payment due.
11. Cement shall be OPC – 43 Grade as per relevant IS Code.
12. The RMC shall be procured either from such plants established by cement manufacture like ACC, J.K. Ultra Tech etc. or self established computerized RMC plant of minimum capacity of 30 cum /pr hr at agency's location.
13. Ad mixtures/ plasticizers shall be of Fosroc/Sika make or equivalent or as approved by the Engineer in charge.
14. As per the decision in 183rd meeting of executive committee held on 23.09.2013 the following condition will be included in the format of each and every Bank Guarantee to be received.
“The amount covered under the above Bank Guarantee shall automatically be credited in the accounts of JDA in ICICI Bank, JDA, and Campus through IFSC Code No. Bank Account No. on the date of expiry date or produce NOC from JDA in written for its release.”

**Executive Engineer-5
JDA, Jaipur**

**Signature of contractor with
Full address and E-Mail.**

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

Any person participating in a procurement process shall-

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

Conflict of interest.-

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

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

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

Annexure B: Declaration by the Bidder regarding Qualifications

Declaration by the Bidder

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

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

Date :

Signature of bidder

Place :

Name:-.....

Designation:-.....

Address:-

Annexure C: Grievance Redressal during Procurement Process

The designation and address of the First Appellate Authority is **Executive Committee**.

The designation and address of the Second Appellate Authority is **CS/Principal Secretary UDH**.

(1).Filing an appeal:-

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

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

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

(2) The officer to whom an appeal is filed under Para (1) shall deal with the appeal as expeditiously as possible and shall 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) Appeals not to lie in certain cases:-

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

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

(5) Form of Appeals:-

- (a) An appeal under Para (1) or (3) above shall be in the annexed form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.
- (c) Every appeal may be presented to first appellate authority or second appellate authority, as the case may be, in person or through registered post or 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 of second appellate authority, as the case may be shall-
 - (i) Hear all the parties to appeal present before him; and
 - (ii) Peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the appellate authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause I 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
Office/authority who passed the order
(enclose copy), or a statement of a decision,
action or omission of the procuring Entity
in contravention to the provisions of the Act
by which the appellant is aggrieved:

4- If the Appellant propose to be represented by
a representative the name and postal address
of the representative:

5- Number of affidavits and documents enclosed
with the appeal:

6- Grounds of appeal :

(Supported by an affidavit)

7- Prayer :

Place :

Date :

Appellant's Signature

Annexure D: Additional Conditions of Contract

1. Correction of arithmetical errors

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

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

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

2. Procuring Entity's Right to Vary quantities.

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

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

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

JAIPUR DEVELOPMENT AUTHORITY JAIPUR

SPECIAL CONDITION OF THE CONTRACT FOR POST QUALIFICATION OF CONTRACTORS

Name of work:- Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III chainage 1400-2300 triveni nagar crossing- Ridhi Sidhi crossing)

Special conditions of contract for **POST QUALIFICATION** 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.

Joint venture not allowed

1. **Procedure:**

Procedure for **Post Qualification** 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 **two envelop** which shall comprise of-

Envelop-1 being for Technical Bid and

Envelop-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, VAT clearance certificate (Valid up to Six months back from the opening of Technical Bid) and copy of registration of bidder in required category should also be kept

(b) The technical bid will be opened only of whose bidders those proper Earnest money, VAT clearance certificate (Valid up to Six months back from the opening of Technical Bid) and copy of registration of bidder in required category are found to be in order. The earnest money will be accepted only in form of demand draft/ banker cheque in the name of Secretary JDA, Jaipur. Payable at jaipur.

(c) The Technical Bid envelope would be opened on the date 07-09-2015 at 03:00 PM. in the chamber of SE-12, CB-FF_116,CCC Ist Floor JDA, Jaipur.

(d) The Financial Bid envelope would be opened only of those bidders who fulfill all the **POST QUALIFICATION** criteria.

Note:-

(i) If VAT 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 VAT.

2. **Criteria:**

Criteria for POST QUALIFICATION 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.

S. No.	Item	Quantity
1	GSB/WBM/WMM	1669.00 Cum
2	CC/PCC/RCC	2145.00 Cum
3	BT work by Paver	6015.00 MT
4	Interlocking Paving CC Block/Tiles	8100.00 sqm

Note :-

- (i) The Bidder should enclose the certificate having quantities Financial year wise other wise 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 Govt., Union Territory and Govt. Undertakings, Autonomous Bodies shall only be considered.
- (b) The bidder should have completed at least one similar nature work (Road Work) in last three financial year (including current year, if opted by the bidder) of value not less than 50% (Rs. 634.00 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.
- (c) The bidder should have achieved an annual financial turnover of at least 60% (Rs 760.8 Lacs) of the estimated cost of the work (Bid cost) in any one of last three financial years (including current year, if opted by the bidder)

Note:-

- (i) The bidder should enclose certificate of Turn over from Chartered Accountant for last five financial years & 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.
- (d) The bidder should give Affidavit to deploy the machinery and equipment as specified in Schedule- III, for the execution of this work.
- (e) 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:

$$\text{Bid Capacity} = (A \times N \times 3 - B)$$

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 0.5
- 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.**
- (f) **Litigation History:-** Bidder should provide an 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.

Note:-

- (i) **The present price level for turnover, cost of completed work & disputed amount of similar nature, the previous year's value shall be given weight age of 10% per year as follows :-**
- | | | |
|-----|---------------------------------|------|
| (a) | For Current Year- 2015-16 | 1.00 |
| (b) | For last year - 2014-15 | 1.00 |
| (c) | For one year before - 2013-14 | 1.10 |
| (d) | For two year before - 2012-13 | 1.21 |
| (e) | For three year before - 2011-12 | 1.33 |
| (f) | For Four year before - 2010-11 | 1.46 |

3. **Documentation :**

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

- (a) Information regarding financial resources and capability in Schedule -I.
- (b) Information regarding works executed in the last five years in Schedule-II
- (c) Certificates from the concerned Engineer-In-Charge in support and verification of the information furnished in Schedule-II
- (d) Affidavit regarding machinery and equipment required for deployment, as detailed in scheduled - III.
- (e) 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.
- (g) Information regarding details of litigation or arbitration contracts to be furnished in schedule - VI.
- (h) Calculation of Bid capacity in schedule - VII.
- (i) Affidavit 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 an affidavit 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 & VAT clearance Certificate and registration of bidder 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 affidavit is not duly attested by notary public / gazetted officer then bid of the bidder is to be rejected.

Executive Engineer-5

JDA, Jaipur.

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

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

S.No.	Year	Turnover
(1)	2015-16	
(2)	2014-15	
(3)	2013-14	
(4)	2012-13	
(5)	2011-12	

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 bidding 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)	Financial Year	Principal items of work			interlocking paving block	Page No.
					GSB/WBM/ WMM	CC/PCC / RCC	BT work by Paver		

Signature of Bidder

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

SCHEDULE - III
[Reference Clause 3(d)]

AFFIDAVIT

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

S. No.	Name of Machinery	Minimum Requirement	availability	
			Owned	Leased
1	Fully Automatic Batch Mix Computerize Batch Mix Plant (Owned/Lease)	1 No.		
2	Vibratory Roller (Owned/Lease)	2 No.		
3	Sensor paver (Owned/Lease)	1 No.		
4	Static Roller (Owned/Lease)	4 No.		
5	Compressor (Owned/Lease)	4 No.		
6	Earth compactor (Owned/Lease)	2 No.		
7	JCB (Owned/Lease)	2 No.		
8	Dumper (Owned/Lease)	10 No.		
9	Vibrator (Needle, Plate & screed) (Owned/Lease)	4 No.		
10	Pneumatic Tyre Roller (PTR) (Owned/Lease)	1 No		
11	Concrete Mixer (Owned/Lease)	2 No		
12	C.C Automatic Batching Plant (Owned/Lease)	1 No		
13	Auto level (Owned/Lease)	2 No		
14	Bitumen sprayer Truck mounted (Owned/Lease)	2 No		
15	WMM paver finisher (Owned/Lease)	1No		
16	Grader (Owned/Lease)	1 No		

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)

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

[illegible]

Signature of Bidder

SCHEDULE - VI

[Reference Clause 3(g)]

DETAILS OF LITIGATION OR ARBITRATION CONTRACTS

[illegible]

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	0..5	
3.	B = Value, at present price level of existing Commitments and ongoing 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 on Non-Judicial stamp
Paper of Rs. 10/- only, duly attested by
Oath-Commissioner/Notary Public

AFFIDAVIT

I/We.....Proprietor/Partner/Authorize signatory
of M/s..... under take the oath that the information
furnished by me/us in schedule I to VII of the assessment Bid “Holistic development of
Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III chainage 1400-2300 triveni nagar crossing- Ridhi Sidhi crossing)” is correct to the best of
my/our knowledge. If any information is found to be incorrect JDA has right to reject the
Bid and to take action against me/us as per rules.

.....

Proprietor/ Partner/ Authorized signatory
M/s

2

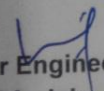
JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

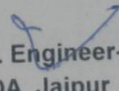
Name of work : Holistic Development of Gopalpura bye pass from Tonk road to
Gurjar iki Thadi road in Maintenance Zone North JDA Jaipur (Part-III Chainage 1400-
2300 Triveni Nagar Crossing Ridhi Sidhi Crossing)

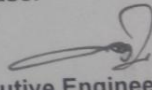
Factor for Price Escalation

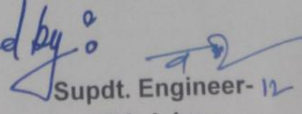
Labour (P ₁)	32.63%
Cement (P _c)	8.35%
Steel (P _s)	8.31%
Bitumen - (P _b)	23.00%
POL-P	3.89%
Other materials (P _m)	23.82%
Total	100.00%

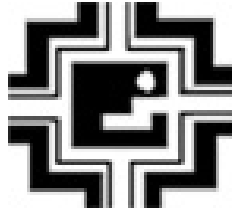
So component factor for price escalation is submitted for approval please.


Junior Engineer-5
JDA, Jaipur


Asst. Engineer-5
JDA, Jaipur


Executive Engineer-5
JDA, Jaipur


Approved by :
Supdt. Engineer-12
JDA, Jaipur



JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

TENDER DOCUMENTS

(Envelope-2)

FINANCIAL BID

FOR

Name of work : **Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III triveni nagar to Ridhi Sidhi chainage 1400-2300)**

Period of Download : 19.08.2015 to 03.09.2015

Period of Upload 19.08.2015 to 03.09.2015

Date of submission of D.D./Pay order : Online payment

Tender Cost, processing Cost & EMD
(Hard copy DD)

Date of opening of technical bid : 07.09.2015 in the chamber of SE-12, CB-FF_116, CCC Ist Floor JDA, Jaipur.

Cost of tender : Rs. 1000.00 (Online in favour of Secretary, JDA payable at Jaipur.)

Tender processing Fee Rs.1000.00 (Online in favour of MD RISL payable at Jaipur.)

Completion period : 6 Months

**Executive Engineer-5
JDA, Jaipur**

Name of Agency M/s : -----

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

GENERAL DETAILS OF TENDER:

1.	NIT NO. & Date	E.E.-5/04/2015-16
2.	Name of work	Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III triveni nagar to Ridhi Sidhi chainage 1400-2300)
3.	Estimated Cost	Rs 14,96,00,000.00 Lacs
4.	Cost of the Tender Document	Rs. 1000.00
5.	Earnest Money	Rs. 29,92,000.00 for AA class Contractor enlisted in in other Govt. Departments and Rs 7,48,000.00 for contractor registered in JDA
6.	Sales of Tender	19-08-2015 at 9.30 AM onwards
7.	Date of Submission of the Tender	03.09.2015 up to 6.00 PM
8.	Date of opening of Technical Bid	07.09.2015 at 3.00 PM in Chamber of SE-12, CB-FF_116,CCC Ist Floor JDA, Jaipur.
9.	Tender Document issued to	M/s
10.	Tender Cost deposit	Receipt No. Dated

**Executive Engineer-5
JDA, Jaipur**

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

Documentation for Tender

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

- (a) Information regarding financial resources and capability in Schedule -I.
- (b) Information regarding works executed in the last five years in Schedule-II
- (c) Certificates from the concerned Engineer-In-Charge in support and verification of the information furnished in Schedule-II
- (d) Affidavit regarding machinery and equipment required for deployment, as detailed in scheduled - III.
- (e) Information regarding details of maximum value of civil engineering works (Road work) 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.
- (g) Information regarding details of litigation or arbitration contracts to be furnished in schedule - VI.
- (h) Calculation of Bid capacity in schedule - VII.
- (i) Affidavit as per Annexure I.

Signature of the Bidder

With full Address

Executive Engineer-5,

JDA, Jaipur.

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

SCHEDULE AND SPECIFICATIONS

Name & Address of the Procuring Entity	Executive Engineer (5), Jaipur Development Authority Address: Room No. CB-B-E, CCC Building, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302004 (Rajasthan)
Subject Matter of Procurement	Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III triveni nagar to Ridhi Sidhi chainage 1400-2300)
Bid Procedure	____ Two part(envelope) ____ (eg. Single-stage Two part (envelope) open competitive) eBid procedure at http://eproc.rajasthan.gov.in
Bid Evaluation Criteria (Selection Method)	LCBS-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.jaipurjda.org
Website for online Bid application and payment *	Website: www.jaipurjda.org 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 Rs. 14,96,00,000.00 (Rupees Fourteen crore Nintety Lacs only)
Bid Security Deposit	Amount (INR) : 2% of Estimated Procurement Cost, 0.5% of S.S.I. of Rajasthan, 0.5% for Bidder registered as contractor in JDA, 1% for Sick Industries, other than S.S.I., whose cases are pending with Board of Industrial & Financial Reconstruction
Start/ End Date for Bid Applying, Online Payment and Bid Submission	Start Date: 19-08-2015 at 9.30 AM onwards End Date: 03.09.2015 up to 6.00 PM
Date/ Time/ Place of Technical Bid Opening	07-09-2015 at 3.00 PM 07.09.2015 at 3.00 PM in Chamber of SE-12, CB-FF_116, CCC Ist Floor JDA, Jaipur, Ram Kishore Vyas Bhavan, Indira Circle, Jawahar Lal Nehru Marg, Jaipur – 302 004 (Rajasthan)
Date/ Time/ Place of Financial Bid Opening	Will be intimated later to the Technically qualified bidders
Bid Validity	120 days from the bid submission deadline
Completion period of work	6 Months
* 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 LTD 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 (authorised 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 the Tender Fee, BSD, and RISL Processing Fee, online (subject to confirmation), its Bid shall not be accepted.
3. To participate in online bidding process, Bidders must procure a Digital Signature Certificate (Type III) as per Information Technology Act-2000 using which they can digitally sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency, i.e. TCS, Safecrypt, 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 11th hour issues like slow speed; choking 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 document (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.
11. If any bidder quotes a rate below than the schedule "G" rates, i.e., rates below than at par, then the bidder has to deposit the difference amount i.e. amount between the rates as per at par and below, as work performance guarantee. This amount has to be deposited before the commencement of work and will be refunded after successful completion of work., Lowest bidder will be issued LOA (Letter of Acceptance) and within 7 days period he has to deposit difference amount in the form of B.G./FDR/NSC. The validity of these shall be for a period three months beyond the stipulated date of completion/actual date of completion. In case of non deposition of the same in specified period, the 2% bid security will be forfeited. In case work is not completed satisfactorily, the work performance security will be forfeited along with bid security

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 given 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 JDA.

SCHEDULE - D: TEST OF THE MATERIALS:

The testing 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 duly approved by JDA shall have to be engaged at site by the contractor at his

cost. The JDA reserves the right to engage such staff and recover the wages 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 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: BOQ IS ATTACHED SEPARATELY BASED ON BSR PWD 2013 (BUILDING/ROAD/NH)

SCHEDULE - H: SPECIAL CONDITION: Attached Separately.

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

Signature of the Bidder
With full Address

Executive Engineer-5,
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 by 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, Batch Mix plants and sensor paver, road roller, Tar boiler, sprayer , CC equipments 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 Roads 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.
29. If any bidder quotes a rate below than the schedule "G" rates, i.e., rates below than at par, then the bidder has to deposit the difference amount i.e. amount between the rates as per at par and below, as work performance guarantee. This amount has to be deposited before the commencement of work and will be refunded after successful completion of work., Lowest bidder will be issued LOA (Letter of Acceptance) and within 7 days period he has to deposit difference amount in the form of B.G./FDR/NSC. The validity of these shall be for a period three months beyond the stipulated dated of completion/actual date of completion. In case of non deposition of the same in specified period, the 2% bid security will be forfeited. In case work is not completed satisfactorily, the work performance security will be forfeited along with bid security.

Signature of Bidder
with full address & Mobile No.

Executive Engineer-5
JDA, Jaipur

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

1. ROAD WORKS

- 1.1 The Defect Liability Period (DLP) for all Road works excluding patch repair work shall be three years. Road works executed by the Contracting agency shall be maintained by them at their own cost for three years (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 Road 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 & Road furniture , 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 three years.
- 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 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.En 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:-

S.No.

1	After completion of one year	20 % of SD Amount
2	After completion of two year	20 % of SD Amount
3	After completion of three year	Remaining 60% of SD Amount

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-5
JDA, Jaipur.

JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

ADDITIONAL SPECIAL CONDITION:-

1. The renewed roads shall be under defect liability period of the agency executing the work for 3 years after actual date of completion of work.
2. The agency shall make advance stock of materials of seven days to facilitate proper sampling and testing.
3. The agency shall make available fully equipped laboratory with all required testing equipments to perform tests at plant and site along with technicians.
4. The agency shall make available a site office with all necessary arrangements at no extra cost. The agency shall remove this site office after the completion of the work.
5. In case some agency stands as L1 in more than one work and the rate is considered to be reasonable then while computing the bid capacity the value of work (choice of work will be given by agency) will be included as liability on the part of agency for the purpose of evaluating bid capacity for the other work.
6. Third party supervision of QC shall be followed in the works.
7. Agency shall have to submit a work plan, which shall be adhered to and shall be penalized in case of delay.
8. Agency to take levels of road jointly with site staff of the Engineer In Charge before execution of the work at his own cost and get the final levels approved from Engineer In Charge before execution.
9. Agency shall arrange video graphing and Photography the road prior to start of work, during execution of work and after completion of the work at his own cost and submitted to JDA.
10. The Agency shall deploy Engineer & Technical staff as required at plant and site, In case of failure JDA shall engage and deduct the actual salaries from payment due.
11. Cement shall be OPC – 43 Grade as per relevant IS Code.
12. The RMC shall be procured either from such plants established by cement manufacture like ACC, J.K. Ultra Tech etc. or self established computerized RMC plant of minimum capacity of 30 cum /pr hr at agency's location.
13. Ad mixtures/ plasticizers shall be of Fosroc/Sika make or equivalent or as approved by the Engineer in charge.
14. As per the decision in 183rd meeting of executive committee held on 23.09.2013 the following condition will be included in the format of each and every Bank Guarantee to be received.
“The amount covered under the above Bank Guarantee shall automatically be credited in the accounts of JDA in ICICI Bank, JDA, and Campus through IFSC Code No. Bank Account No. on the date of expiry date or produce NOC from JDA in written for its release.”

**Executive Engineer-5
JDA, Jaipur**

**Signature of contractor with
Full address and E-Mail.**

2

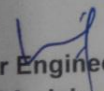
JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

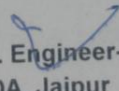
Name of work : Holistic Development of Gopalpura bye pass from Tonk road to
Gurjar iki Thadi road in Maintenance Zone North JDA Jaipur (Part-III Chainage 1400-
2300 Triveni Nagar Crossing Ridhi Sidhi Crossing)

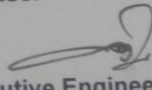
Factor for Price Escalation

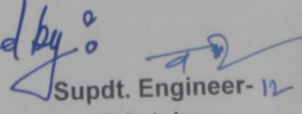
Labour (P ₁)	32.63%
Cement (P _c)	8.35%
Steel (P _s)	8.31%
Bitumen - (P _b)	23.00%
POL-P	3.89%
Other materials (P _m)	23.82%
Total	100.00%

So component factor for price escalation is submitted for approval please.


Junior Engineer-5
JDA, Jaipur


Asst. Engineer-5
JDA, Jaipur


Executive Engineer-5
JDA, Jaipur


Approved by :
Supdt. Engineer-12
JDA, Jaipur

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR					
Name of work :- Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III triveni nagar to Ridhi Sidhi chainage 1400-2300)					
Contract No: NIB NO. EE-5/06/2015-16					
Bidder Name :					
<u>SCHEDULE OF WORKS</u> (This BoQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)					
Sl. No.	Description of work	Unit	RATE In Figures To be entered by the Bidder		AMOUNT Rs. P
			Figures	Words	
1.00	BSR Item	BoQ2	126352071.97	Rupees Twelve Crore Sixty Three Lakh Fifty Two Thousand & Seventy One and Paise Ninety Seven Only	126352071.97
2.00	Non BSR Item	BoQ3	0.00	Rupees only	0.00
Total in Figures		126352071.97			
Total in Words		Rupees Twelve Crore Sixty Three Lakh Fifty Two Thousand & Seventy One and Paise Ninety Seven Only			

Signature of Tenderer with seal

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR			
Name of work :- Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III triveni nagar to Ridhi Sidhi chainage 1400-2300)			
Contract No: NIB NO. EE-5/06/2015-16			
Bidder Name:		Excess (+)	%



PRINT



HELP

SCHEDULE OF WORKS

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
	Part A (BSR Item)					
1.00	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.By Mechanical Means					
1.10	in area of Non Thorny Jungle.	3.40	Hect.	9780.00	Rupees Nine Thousand Seven Hundred & Eighty Only	33252.00
1.20	In area of Thorny Jungle.	3.40	Hect.	12060.00	Rupees Twelve Thousand & Sixty Only	41004.00
2.00	Uprooting and removal stups & roots					
2.10	Lead upto 1000 m Girth above 300 mm to 600 mm	96.00	Each	60.00	Rupees Sixty Only	5760.00
2.20	Girth above 600 mm to 900 mm	43.00	Each	100.00	Rupees One Hundred Only	4300.00
2.30	Girth above 900 mm to 1800 mm	37.00	Each	215.00	Rupees Two Hundred & Fifteen Only	7955.00
3.00	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 m as per Technical Specification Clause 202. By Mechanical Means cement Concrete.	880.00	Cum	265.00	Rupees Two Hundred & Sixty Five Only	233200.00
3.10	Reinforced Cement Conrete	1980.00	Cum	400.00	Rupees Four Hundred Only	792000.00

Signature of Tenderer with seal

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR			
Name of work :- Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III triveni nagar to Ridhi Sidhi chainage 1400-2300)			
Contract No: NIB NO. EE-5/06/2015-16			
Bidder Name:		Excess (+)	%



PRINT



HELP

SCHEDULE OF WORKS

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
4.00	Dismantling Brick/ Tile Work Dismantling of existing structures like culverts, bridges, retaining walls and other structures comprising of brick masonry, including disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202. Cement Mortar	5852.00	Cum	135.00	Rupees One Hundred & Thirty Five Only	790020.00
5.00	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of stone masonry, including disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202. Rubble stone masonry in cement Mortar	836.00	Cum	135.00	Rupees One Hundred & Thirty Five Only	112860.00
6.00	Cutting of trees, including cutting of trunks, branches and removal of stumps & roots, refilling, compaction of backfilling and stacking of serviceable material by manual means with all lifts as per Technical Specification Clause 201.					
6.10	Girth above 300 mm to 600 mm	96.00	Each	108.00	Rupees One Hundred & Eight Only	10368.00
6.20	Girth above 600 mm to 900 mm	43.00	Each	195.00	Rupees One Hundred & Ninety Five Only	8385.00
6.30	Girth above 900 mm to 1800 mm	37.00	Each	384.00	Rupees Three Hundred & Eighty Four Only	14208.00

Signature of Tenderer with seal

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR			
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PRINT



HELP

SCHEDULE OF WORKS

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
7.00	Dismantling kerb stone channels by manual means and disposal of dismantled material with all lifts and upto a lead of 1000 m as per Technical Specification Clause 202.	5400.00	Rmtr	6.00	Rupees Six Only	32400.00
8.00	Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, backfilling of pit by manual means including disposal of dismantled material with all lifts and upto a lead of 1000 m, stacking serviceable material and unserviceable material separately as per Technical Specification Clause 202.	200.00	Rmtr	22.00	Rupees Twenty Two Only	4400.00
9.00	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections, and transporting to the embankment location with a lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause 302.3	6732.00	Cum	29.00	Rupees Twenty Nine Only	195228.00
10.00	Removal of unsuitable soil including excavation, loading and disposal upto 1000 m lead but excluding compaction ground supporting embankment subgrade replacement by suitable soil, which shall be paid separately as per Clause 303.5.2 as per Technical Specification Clause 302.3.11	2000.90	Cum	29.00	Rupees Twenty Nine Only	58026.10
11.00	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4.1.	7290.00	Cum	32.00	Rupees Thirty Two Only	233280.00
12.00	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. Using brken aggregate. By Manual Means	150.00	Cum	1110.00	Rupees One Thousand One Hundred & Ten Only	166500.00
12.10	By Mechancial Means	150.00	Cum	1050.00	Rupees One Thousand & Fifty Only	157500.00
13.00	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 1Km lead.	3037.50	Cum	1190.00	Rupees One Thousand One Hundred & Ninety Only	3614625.00

Signature of Tenderer with seal

Tender Inviting Authority: JAIPUR DEVELOPMENT AUTHORITY, JAIPUR				
Name of work :- Holistic development of Gopalpura bypass from tonk road to gurjar ki thadi road in Maintenance zone North JDA Jaipur (part III triveni nagar to Ridhi Sidhi chainage 1400-2300)				
Contract No: NIB NO. EE-5/06/2015-16				
Bidder Name:		Excess (+)		%



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HELP

SCHEDULE OF WORKS

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
14.00	Medium Porosity 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 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502.	11700.00	Sqm	40.00	Rupees Forty Only	468000.00
15.00	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.	11700.00	Sqm	10.00	Rupees Ten Only	117000.00
15.10	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30kg per sqm on the prepared granular Sufaces with primer and cleaned with hydraulic broom as per MORD specification clause 503.	23100.00	Sqm	12.00	Rupees Twelve Only	277200.00
16.00	Providing, laying and rolling of built-up spray grout layer over prepared base consisting of a two layer composite construction of crushed coarse aggregates using motor grader for aggregates. Key stone chips spreader may be used with application of bituminous binder after each layer, and with key aggregates placed on top of the second layer to serve as a base, conforming to the line, grades and cross-section specified, the compacted layer thickness being 75 mm as per Technical Specification Clause 505.	1440.00	Sqm	240.00	Rupees Two Hundred & Forty Only	345600.00
17.00	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 per cent 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 I (40 mm nominal size)	4280.40	MT	2790.00	Rupees Two Thousand Seven Hundred & Ninety Only	11942316.00
17.10	For grading II(19 mm nominal size)	4280.40	MT	3025.00	Rupees Three Thousand & Twenty Five Only	12948210.00
18.00	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 PNB-40	3468.60	MT	3900.00	Rupees Three Thousand Nine Hundred Only	13527540.00
19.00	Milling the road surface in bitumenous pavement including disposal of milled material with all read lif depth upto 50 mm	18000.00	Sqm	50.00	Rupees Fifty Only	900000.00

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				Figure	Words	
19.10	Milling the road surface in bitumenous pavement including disposal of milled material with all read lif depth more then 50 mm and upto 100 mm	18000.00	Sqm	80.00	Rupees Eighty Only	1440000.00
20.00	Recovery of Milled Material	4176.00	MT	1303.00	Rupees One Thousand Three Hundred & Three Only	-5441328.00
21.00	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.	1568.17	Sqm	485.00	Rupees Four Hundred & Eighty Five Only	760563.91
22.00	Supplying of Cat's Eye made of aluminium alloy size 75x100x22 mm having 21 biconvex lenses embedded in circular disk of ABS plastic on each side.	5705.76	Each	200.00	Rupees Two Hundred Only	1141152.00
23.00	Painting two coats including prime coat with epoxy paint of approved brand on concrete/steel surfaces after through cleaning of surface to give an even shade as per drawing and Technical Specification Clause 1701	5552.50	Sqm	105.00	Rupees One Hundred & Five Only	583012.50
24.00	Dismantling of flexible pavements and disposal of dismantled materials upto a lead of 100 m, stacking serviceable and unserviceable materials separately as per Technical Specification Clause 202	990.00	Cum	179.00	Rupees One Hundred & Seventy Nine Only	177210.00
24.10	Dismantling of flexible pavements and disposal of dismantled materials upto a lead of 100 m, stacking serviceable and unserviceable materials separately as per Technical Specification Clause 202	3465.00	Cum	153.00	Rupees One Hundred & Fifty Three Only	530145.00
25.00	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	21293.02	Cum	124.00	Rupees One Hundred & Twenty Four Only	2640333.98
26.00	Type B (First Class) Bedding Laying (First Class) bedding on well compacted sand, moorum or approved granular material as per Clause 1105 (ii) sand filling	4047.70	Cum	650.00	Rupees Six Hundred & Fifty Only	2631001.75
27.00	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203. PCC grade M-15 , Norminak Mix (1:2.5:5)	179.55	Cum	3040.00	Rupees Three Thousand & Forty Only	545832.00

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
33.00	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	480.00	Mtr	220.00	Rupees Two Hundred & Twenty Only	105600.00
34.00	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and all lift.	294.00	Cum	45.00	Rupees Forty Five Only	13230.00
35.00	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 m as per Technical Specification Clause 202. By Mechanical Means cement Concrete.	100.00	Cum	265.00	Rupees Two Hundred & Sixty Five Only	26500.00
35.10	Reinforced Cement Conrete	100.00	Cum	400.00	Rupees Four Hundred Only	40000.00
36.00	Dismantling of flexible pavements and disposal of dismantled materials upto a lead of 100 m, stacking serviceable and unserviceable materials separately as per Technical Specification Clause 202	40.00	Cum	220.00	Rupees Two Hundred & Twenty Only	8800.00
36.10	Dismantling of flexible pavements and disposal of dismantled materials upto a lead of 100 m, stacking serviceable and unserviceable materials separately as per Technical Specification Clause 202. By Machancial means Bituminous courses	40.00	Cum	128.00	Rupees One Hundred & Twenty Eight Only	5120.00
37.00	Providing and laying cement concrete including curing, compaction etc. complete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, levelling course etc up to floor five level excluding the cost of centering and shuttering.M10 grade Nominal Mix 1: 3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	151.93	Cum	2992.00	Rupees Two Thousand Nine Hundred & Ninety Two Only	454571.57
38.00	Centering and Shuttering with plywood or steel sheets including strutting, propping bracing both ways and removal of formwork for foundation , footings, strap beam, raft , bases of columns etc.	306.62	Sqm	110.00	Rupees One Hundred & Ten Only	33728.20
38.10	Centering and Shuttering with plywood or steel sheets including strutting, propping bracing both ways and removal of formwork for Columns, pillars, posts and struts etc.	135.98	Sqm	260.00	Rupees Two Hundred & Sixty Only	35353.76

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
39.00	Random Rubble stone masonry with hard stone in superstructure above plinth level and upto five level above 30cm. thick walls in : Cement Mortar 1:6 (1 cement : 6 sand)	50.77	Cum	2411.00	Rupees Two Thousand Four Hundred & Eleven Only	122404.06
40.00	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)	10594.40	Kg	69.00	Rupees Sixty Nine Only	731013.60
41.00	Random rubble dry stone Kharanja under floor.	85.47	Cum	646.00	Rupees Six Hundred & Forty Six Only	55211.04
41.10	Providing and fixing designer cement concrete polished tiles over 20mm average thick base of CM 1 :4 (1 Cement : 4 sand) jointing with cement mortar 1 :2 (1cement : 2 sand) with pigment to match the shade of the tiles complete with all respect.	420.00	Sqm	1075.00	Rupees One Thousand & Seventy Five Only	451500.00
42.00	Providing and fixing aluminum work for doors ,windows, ventilators and partition with extruded built up standard tubular / appropriate Z sections and other sections of approved make conforming to IS :733 and IS :1285, fixed with rawl plugs and screws or with fixing clips ,or with expansion hold fasteners including necessary filling up of gap. at junctions , at top ,bottom and sides with required PVC/neoprene felt etc. Aluminium section shall be smooth ,rust free, straight ,mitered and jointed mechanically wherever required including cleat angle Aluminium snap beading for glazing /paneling , C.P. brass/ stainless steel screws Al. Tower bolt & Al. handle & Al. Aldrop etc.,all complete as per architectural drawings and the directions of Engineer- in - charge .(Glazing and paneling to be paid for separately).Polyester Powder coating aluminum (minimum thickness of powder coating 50 micron)	75.00	Kg	327.00	Rupees Three Hundred & Twenty Seven Only	24525.00
42.10	For shutters builtup standard tubular sections of openable doors ,windows & ventilators including providing & fixing hinges / rollers etc. and making provision for fixing of fittings wherever required (lockes shall be paid for separately).Polyester Powder coating aluminum (minimum thickness of powder coating 50 micron)	250.00	Kg	349.00	Rupees Three Hundred & Forty Nine Only	87250.00
43.00	P & F 1st qualityVitrified Porcelain Polished tiles on floor, skirting and steps etc.in different sizes (thickness to be specified by manufactuer) with water absortion less than 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1 : 4 including grounting the joints with white cement and matching pigment etc complete. Size 900 mm x 900 mm	843.28	Sqm	995.00	Rupees Nine Hundred & Ninety Five Only	839066.59

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
44.00	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 :Ivory coast wood grade I	30.00	Sqm	2318.00	Rupees Two Thousand Three Hundred & Eighteen Only	69540.00
45.00	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 12 mm thick Teak ply BWR both side	30.00	Kg	1588.00	Rupees One Thousand Five Hundred & Eighty Eight Only	47640.00
46.00	Providing and fixing stainless steel cramps of required size and shape for anchoring stone wall lining to the backing or securing adjacent stones in stone wall lining in cement mortar 1:2 (1 cement : 2 coarse sand) including making the necessary chases in stone and holes in walls wherever required	100.00	Kg	544.00	Rupees Five Hundred & Forty Four Only	54400.00
47.00	Providing and fixing Stone jali 50mm thick Red/Pink sand stone as per ornamental design to fixed with white cement/epoxy mortar including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment, matching the stone shade.	19.35	Sqm	6105.00	Rupees Six Thousand One Hundred & Five Only	118156.17
48.00	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.	4.05	Sqm	2669.00	Rupees Two Thousand Six Hundred & Sixty Nine Only	10809.45
49.00	South Red Above 3601 cm2 slabs	12.00	Sqm	3696.00	Rupees Three Thousand Six Hundred & Ninety Six Only	44352.00
50.00	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.	43.50	Mtr	107.00	Rupees One Hundred & Seven Only	4654.50
51.00	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work	700.00	Sqm	44.00	Rupees Forty Four Only	30800.00
52.00	Steel work in built up tubular trusses including cutting, hoisting fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. complete. Hot finished seamless type tubes	14000.00	Kg	76.00	Rupees Seventy Six Only	1064000.00

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
53.00	Providing and laying reinforced cement concrete pipe NP4 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1106. 1200 mm dia	700.00	Mtr	6550.00	Rupees Six Thousand Five Hundred & Fifty Only	4585000.00
54.00	Providing and laying reinforced cement concrete pipe NP4 for culverts including joining end and fixing collar with cement mortar 1:2 (Morth specification :clause:1000/2900) 600 mm dia	700.00	Mtr	3853.00	Rupees Three Thousand Eight Hundred & Fifty Three Only	2697100.00
55.00	Structural cement concrte for plain concrete/reinforced concrete for substructure at any level complete as per drawing and technical specification using batching plant transit mixute and concrete pump design mix concrete (Morth specification clause 1500 & 1700)RCC -35 grade upto 5 meter height	359.10	Cum	4853.00	Rupees Four Thousand Eight Hundred & Fifty Three Only	1742712.30
56.00	Filling mixture of earth and sludge farm-yard manure in the desired proportation in trenches flooring with water and levelling (cost of supplying earth and sludge of farm yard manure and labour for mixing not included in this rate)	756.00	Cum	4.40	Rupees Four and Paise Forty Only	3326.40
57.00	Planting parament hedges including digging of trenches 60 cm wide and 45 cm deep refilling the execvated earth mixed with farm yard manure supplied at the rate of 4.65 cum per 100 metres and supplying and planting hedge plants at 30 cm apart.	2700.00	100m tr	10769.00	Rupees Ten Thousand Seven Hundred & Sixty Nine Only	29076300.00
58.00	Providing laying spreading and compacting specifed graded sand, gravel as per table 400-1, 400-2 or any other course material as per design mix, as per CBR in sub base course including premixing the material at OMC in wet mix plant carriage of mixed material spreading in uniform layers with motar grader F.E loader on a prepared base and compacting with vibratory roller to achieve desired density (as per 1:s-2720) including all material labour machniery, lighting guard, barricading and maintenance of diversion complete (Morth specification : Clause 401) by Mechnical means with all lead upto 20 KM. For grading I Material	4744.80	Cum	847.00	Rupees Eight Hundred & Forty Seven Only	4018845.60
Total Estimated Cost in Figures						126352071.97
Quoted Amount					126352071.97	126352072.00
Quoted Rate in Words				Rupees Twelve Crore Sixty Three Lakh Fifty Two Thousand & Seventy Two Only		

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					Rs. P	Words	
	Part B (Non BSR Item)						
1.00	P&f of precast concrete inter locking block of M50 grade 100mm thick,manufacture from fully automatic Computerised machine with heavy duty vibration and compaction system having production capacity 250 to 400 sqm per shift with automatic handling of pallets and fully computerisation automatic batching plant of min cap 30 cum per hour.the cement conc blocks is of shape as directed by engineer incharge(monolithic single layer conc block) of gray cement colour haivng avg crushing str 50N/sq mm as per tech sp. conformin 15658-2006 palced on avg compacted thickness of 40mm uniformly grade river sand cushioning with proper compacting with mechanical compactor with the proper level , grade and camber etc complete as specified and as directed by the engineer in charge by the engineer in charge by using minimum 450 kg of OPC cement per cum of concrete.	16200.00	Sqm	0.00		Rupees only	0.00
2.00	Providing and laying reinforced cement concrete pipes N.P.4 for culverts including jointing ends and fixing collar with cement mortar 1:2 [MoRTH Specification : Clause : 1000/2900] 1600 MM dia	896.00	Mtr	0.00		Rupees only	0.00
Total in Figures		0.00					
Total in Words		Rupees only					

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