JAIPUR DEVELOPMENT AUTHORITY

Room No. 120, Is Floor, CCC Building, Ram Kishore Vyas Bhavan, Indira Circle, JawaharLal Nehru Marg, Jaipur – 302004 Telephone: +91-141-2569696

No:- JDA/EE-East/2015-16/D- Dated:

NOTICE INVITING BID

NIB No.: EE-East/02/2015-16

Online Bids are invited up-to 6.00 PM of 27/07/2015 for "Production and Supply of Kandhal readymade bituminous potholes patching mix in zone-East area, (Phase-IV), JDA, Jaipur". Details may be seen in the Bidding Document at our office or the website of State Public Procurement Portal website www.sppp.rajasthan.gov.in, www.eproc.rajasthan.gov.in and www.jaipurjda.org.

To participate in the bid, bidder has to be:

- 1. Registered on JDA website www.jaipurjda.org for participating in the Bid, the Bidder has to apply for the Bid and pay the Bidding Document Fee, RISL Processing Fee and Bid Security Deposit, online only.
- 2. Registered on e-Procurement Portal of Government of Rajasthan www.eproc.rajasthan.gov.in for online e-Bid submission.

(Sanjay Vyas) Executive Engineer-East

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Room No. 120, Is Floor, CCC Building, Ram Kishore Vyas Bhavan, Indira Circle, JawaharLal Nehru Marg, Jaipur – 302004 Telephone: +91-141-2569696

No:- JDA/EE-East/2015-16/D-

Dated:

NOTICE INVITING BID

NIB No.: EE-East/02/2015-16

Name & Address of the Procuring Entity	 Name: Executive Engineer-East, Jaipur Development Authority Address: 120, Ist Floor, CCC Building, Ram Kishore Vyas Bhavan, Indira Circle, JawaharLal Nehru Marg, Jaipur–302004 (Rajasthan) ➤ Email:
Subject Matter of Procurement	➤ Production and Supply of Kandhal readymade bituminous potholes patching mix in zone-East area, JDA, Jaipur(Phase-IV)
Period of work	➤ 04 Months
Bid Procedure	➤ Single Stage tender (eg. Single-stage Two part (envelope) open competitive) eBid procedure at http://eproc.rajasthan.gov.in
Bid Evaluation Criteria (Selection Method)	➤ L1 (eg.Least Cost Based Selection (LCBS)-L1)
Websites for downloading Bidding Document, Corrigendum's, Addendums, etc.	➤ Websites: www.sppp.rajasthan.gov.in ,

^{*}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 <a href="http://eproc.rajasthan.go
- 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, YojanaBhawan, 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.

(Sanjay Vyas) Executive Engineer-East

Process for Participation & Depositing Payment Online

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

To participate in the bid, bidder has to be:

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

Methods for depositing on line amount

- Online through Internet Banking, Debit Card or Credit Card.
- In case the amount exceeds the online payment limit, the payment may be made through RTGS / NEFT / Transfer in Bank Account Number 675401700586 IFSC Code ICIC0006754 of ICICI BANK Limited, JDA Campus Jaipur.

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

While participation in the bid, a receipt will be generated through the system showing the submission details as per **Annexure-4**. The bidder is required to fill the instrument numbers for various heads on e-Procurement portal www.eproc.rajasthan.gov.in as mentioned in the receipt.

More details about Registration Process, Terms and Conditions and FAQ along with contact detail is available on JDA website www.jaipurjda.org under eServices>>JDA Tender

Bidder has to submitted as proof of deposited amount against the Bid on eProcurement Protal

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

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

Specific Instrument for eProc Rajasthan				
Instrument Type				
Instrument Number	Head Name	Amount	Date	
Tender Fee				
RISL Processing Fee				
	Bid Security Deposit			
Issuer Detail: Jaipur De	velopment Authority	Challan Number:		

Jaipur Development Authority

Bid Participation Receipt

Date & Time: 09/06/2015 05:13 PM

Bid Detail

Bid Id: 6215152001
Bid Title: Testing

Bid Value: 300000 Bid Opening Place : Manthan Hall, Jaipur Development Authority

Bidder Detail

Name of Entity: XXXXXXXXXXX Mobile: 9829012345

Registration Type: Individual Instrument Amount: 32500.00

Payment Mode: Online/UTR Payment Channel :Payment Gateway/ICICI Branch - JDA

Instrument No: 456123789 Instrument Date: 17-06-2015

Dates Detail

Sr. No.	Event Name	Event Date	
1	Publishing Date	01/06/2015 01:00 PM	
2	Bid Opening Date	01/07/2015 03:00 PM	

Specific Instrument Detail for eProc Rajasthan

nstrument Number	Head Name	Amount	Date
10000	Tender Fee	400.00	05/06/2015
10001	RISL Processing Fee	1000.00	05/06/2015
10002	Bid Security Deposit	30,000.00	05/06/2015

SPECIAL CONDITIONS

SCHEDULE 'H'

- 1. Use of Bitumen mixture Tar mechanical lime grinder, cement concrete mixer & vibrator is essential for the work. Which shall have to be arranged by the contractor at his own level /cost.
- 2. If there is any typographical error or otherwise in the 'G' Schedule the rate given in the relevant BSR on which Schedule 'G' has been prepared, shall prevail.
- 3. The contractor shall follow the contractor labour regulation and abolition Act 1970 & Rule1971.
- 4. The JDA shall have right to cause an audit technical examination of the work and the final bills of the contractor including all supporting vouchers, abstract etc. to be made within two years after payment of the final bills and if as a result such audit any amount is found to have been over paid / excess in respect of any work done by the contractor under the contract or any work claimed by him to have been done under this contract and found not to have been executed the contractor shall be liable to refund such amount and it shall be lawful for the JDA to recover such sum from him in the manner prescribed in special condition no. 8 or any other manner legally permissible and if it is found that the contractor was paid less then that was due to him under the contract in respect of work executed by him under it, the amount of such under payment shall be paid by the JDA to the contractor.
- 5. The contractor shall not work after the sunset and before sunrise without specific permission of the authority Engineer.
- 6. Wherever any claim against the contractor for the payment of a sum of money arises out of under the contracts, the JDA shall be entitled to recover the sum by appropriating in part or whole of the security deposit of the contractor, In the event of the security being insufficient or if no security has been taken from the contractor then the balance of the total sum recoverable as the case may shall be deducted from any sum then due or which at any time there contract with the JDA should this sum be sufficient to recover the full amount recoverable. The contractor shall pay to JDA on demand the balance remaining due. The JDA shall further have the right to affect such recoveries under P.D.R. Act.
- 7. The rate quoted by the contractor shall remain valid for a period of 4 (Four) months from the date of opening of the tenders.
- 8. By submission of this tender the contractor agree to abide with all printed conditions provided in the PWD manual from 64 (Chapter 3-para 36) and subsequent modification.
- 9. No conditions are to be added by the contractor and conditional tender is liable to be rejected.
- 10. All transaction in this execution of this work and this tender will be liable to Sale-Tax vide section. 2(B) read with sub-clause (4) Sale-tax Rule, 1954.
- 11. If any tenderer withdraws his tender prior to expiry of said validity period given at S.No. 7 or mutually extended period or makes modifications in the rate, terms and conditions of the tended within the said period which are not acceptable to the department or fails to commence the work in the specified period, fails to execute the agreement and fails to furnish performance guarantee the department shall without prejudice to any, other right or remedy, be at liberty to forfeit the amount of earnest money given in any form absolutely. If any contractor, who having submitted a tender does not execute the agreement or start the work or dose not complete the work and the work has to be put to retendering he will stand debarred from participating in tendering in JDA for six months in addition to forfeiture of Earnest Money / Security Deposit / Performance Guarantee and other action under agreement
- 12. The contractor shall arrange his own machinery required for the work such as Bitumen Mixer, Hot Mix plants and paver, road roller, Tar boiler, sprayer etc.
- 13. The contractor shall arrange his own storage tanks up to 10 Tones capacity for storage of bulk bitumen wherever supplied by the department.
- 14. Rules regarding enlistment of contractor provide that work up to the times limit for which they are qualified for tendering can be allotted to them, Therefore, before tendering the contractor will keep this in mind, and submit the details of the work. Tenders with incomplete or incorrect information are liable to be rejected.
- 15. Any material not conforming to the specifications collected at site have to be removed by the contractor within a period of 3 days of the instruction, issued by do Engineer -In charge in writing failing which, such material shall be removed by the Engineer-In charge at risk and cost of the contractor after expiry of 3 days period.
- 16. The material collected at site and paid provisionally shall remain under and ward of the contractor till it is consumed, fully on the work.
- 17. The rates provided in tender documents are inclusive of all Taxes and royalty.
- 18. For paver work at lest 3 road rollers shall be simultaneously deployed.
- 19. Bitumen for tack coat or any other purposes, shall be applied only by a bitumen sprayer of a mechanical pressure.

- 20. No extra lead of earth/material shall be paid over and above as specified in 'G' Schedule Source/borrow pit area for earth shall have to be arranged by the Contractor at his own cost.
- 21. Undersigned has full right to reject any or all tenders without given any reasons.
- 22. Mortar of Masonry work and lean concrete will be permitted mixer with hopper.
- 23. As per Supreme Court decision "All contracts with Governments shall require registration of workers under the building and other construction workers (Regulation of Employment and Conditions of Service) Act, 1996 and extension of benefits to such workers under the act.
- 24. Special Conditions of Contract regarding Defect Liability Period (DLP) for Roads works costing Rs. 25.00 lacs and more shall be applicable
- 25. The tenderer are required to submitt copy of their enlistment as contractor.
- 26. Conditions of RPWA-100 will be mandatory & acceptable to the contractor.
- 27. Any tender received with unattested cutting/overwriting in rates shall be rejected and such bidder will be debarred from tendering for three months in JDA.
- 28. All the provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and Rules, 2013 will be applicable. If there is any contradictions in existing special conditions and provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and RULES, 2013, provisions of THE RAJASTHAN TRANSPARENCY IN PUBLIC PROCUREMENT ACT, 2012 and RULES, 2013 shall be applicable.
- 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 BG/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 will be forfeited along with Bid security.

SIGNATURE OF CONTRACTOR

With full address

Executive Engineer -East **JDA**, **Jaipur**

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

Any person participating in a procurement process shall-

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

Conflict of interest.-

The Bidder participating in a bidding process must no have a Conflict of Interest.

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

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

Annexure B: Declaration by the Bidder regarding Qualifications

Declaration by the Bidder

In relation to my/our Bid submitted to	iting Bids NoDatedI/we
1. I/we possess the necessary professional, technic competence required by the Bidding Document issue	_
2. I/we have fulfilled my/our obligation to pay such government or any local authority as specified in the	of the taxes payble to the union and the state
3. I/we are not insolvent, in receivership, bankrupt administered by a court or a judicial officer, not hav the subject of legal proceedings for any of the foregon	or being wound up, not have my/our affairs e my/our business activities suspended and not
4. I/we do not have, and our directors and officers not related to my/our professional conduct or the making to my/our qualifications to enter into a procurent preceding the commencement of this procurement pursuant to debarment proceedings;	t have, been convicted of any criminal offence ng of false statements or misrepresentations as ment contract within a period of three years
5. I/we do not have a conflict of interest as specified which materially affects fair competition;	in the Act, Rules and the Bidding Document,
Date:	Signature of bidder
Place:	Name:

Designation:

Address:

Annexure C : Grievance Redresser during Procurement Process

The designation and address of the First Appellate Authority is <u>JDC</u> The designation and address of the Second Appellate Authority is <u>E.C</u>

(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 though registered post or authorised representative.

(6) Fee for filing Appeal:-

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

(7) Procedure for disposal of Appeal:-

- (a) The first appellate authority or second appellate authority as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing
- (b) On the date fixed for hearing, the first appellate authority 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 (c) above shall also be placed on the state public procurement portal.

Annexure D : Additional Conditions of Contract

1. Correction of arithmetical errors

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

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

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

2. Procuring Entity's Right to Vary quantities.

- (i) At the time of award of contract, the quantity of goods, works or services originally specified in the bidding documents may be increased or decreased, by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the bidding documents. It shall be without any change in the unit prices or other terms and conditions of the bid and the conditions of contract.
- (ii) If the Procuring entity does not procure any subject matter of procurement or procures less than the quantity specified in the biding 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. It the supplier fails to do so, the procuring entity shall be free to arrange for the balance supply by limited bidding or otherwise and the extra cost incurred shall be recovered from the supplier.

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

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

FORM No. 1 [see rule 83]

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

Appeal the	Noof(First/Second Appellate authority)	Before
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 :	Appell	ant's Signature

Indian Roads Congress version as of 1 February 2013

Specifications for Placing and Compacting Kandhal Readymade Cold Bituminous Mix in Potholes

1. Scope

These specifications cover placing and compacting the Kandhal readymade patching mix in potholes including transportation of the mix from the designated storage facility to road sites as directed by the engineer. The work involves cleaning and preparation of potholes; placing and compacting the mix; applying sand to prevent pick up by traffic; and documenting the number and sizes of the patches. The Kandhal readymade cold patching mix is suitable for patching "potholes" only and shall not be used for patching long stretches of deteriorated road surface.

2. Preparation of Potholes

Pothole shall be cleaned with a stiff wire brush and all loose material including dust shall be removed with a soft brush. Pothole need not be dry. However, excess water shall be swept off the pothole. If WMM is exposed in the pothole and it has high PI value, a prime coat shall be applied to WMM before placing the Kandhal mix to ensure good bond at the bottom.

3. Placing Kandhal mix in Potholes

The Kandhal mix is intended for patching potholes up to 75 mm (3 inches) deep. For deeper potholes, patching mix shall be placed and compacted in 75 mm thick layers.

Sufficient material shall be placed in the pothole so that after compaction the patch is about 10 mm above the existing road surface.

4. Compacting the Kandhal mix

First the outside edge or periphery of the patch shall be compacted with a hand rammer and then compaction shall proceed inwards. To prevent initial pick up of the loose mix by the hand rammer either continue to wet the hand rammer with water or place empty plastic lined bags on the loose mix

For deep potholes, place the patching mix and compact in 75 mm thick layers. After compaction, the compacted patch shall be about 10 mm higher than the existing road surface to allow for further compaction by traffic.

If there are numerous closely spaced patches, it is preferred to use a small roller rather than a hand rammer.

5. Applying Sand to Prevent Pick up by Traffic

Before opening the compacted patch to traffic, sufficient amount of clean sand shall be sprinkled on the patch to prevent pick up by traffic.

6. Documenting the Number and Sizes of Patches

The contractor shall document and the engineer shall verify the following on a daily basis: (a) Number of 50-kg bags used; (b) Name of road and chainages where patches were made; and (c) Average sizes of potholes patched by measuring their average length, average width and average depth.

7. Measurement for Payment

The total number of 50-kg bags of Kandhal mix placed and compacted by the contractor shall be recorded by the engineer for payment. Payment shall be made at the contract price per 50-kg bag.

Tender	Inviting Authority: JAIPUR DE	VELOPMENT	Г АИТНО	RITY, JAIP	UR	
	of Work: Production and Suppl ast area, (Phase-IV), JDA, Jaip		readyma	ade bitumir	nous potholes p	eatching mix in
Contrac	ct No: NIB No-02/2015-16					
Bidder Name:				Excess (+)		%
		SCHEDULE	OF WO	RKS		
SI. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	Production & Supply of kandhal readymade cold bituminous patching mix in 50kg plastic lined, sturdy bags for repair of potholes in adverse climatic condition including the bituminous mix with a minimum of 5.6% MC-800 Cutback Bitumen (containing a suitable antistripping agent) by weight of mix and in strict conformance to gradation and other requirements such as 6-month storage life as per the attached specification, transportation with all lead and lift complete in all respects as per direction of engineer-incharge.	174318.000	P. Kg.	11.00	Rupees Eleven Only	1917498.00
Total Es	stimated Cost in Figures			·		1917498.00
		l				

Quoted Amount

Quoted Rate in Words

1917498.00 1917498.00

Rupees Nineteen Lakh Seventeen Thousand Four Hundred & Ninety Eight Only