

भारतीय पटसन निगम लिमिटेड

(भारत सरकार की संस्था)

The Jute Corporation of India Limited (A Government of India Enterprise)

आईएसओ 9001:2015 प्रमाणित कंपनी / An ISO 9001:2015 Certified Company

Regional Lead DPC, Sadar Road, Near Fancy Market
Forbesganj (Araria), PIN Code:- 854 318

CIN - U17232WB1971GOI027958.

NOTICE INVITING TENDER FOR CIVIL WORKS _WATERPROOFING WORKS IN
BALE PRESS TRENCH AT DEPARTMENTAL PURCHASE CENTRE IN
BAHADURGANJ, BIHAR UNDER FORBESGANJ RLD. , OF THE JUTE
CORPORATION OF INDIA LIMITED, A GOVERNMENT OF INDIA ENTERPRISE,
UNDER THE MINISTRY OF TEXTILES

Tender No.: JCI/ FBJ. RLD./ JTM- DPC waterproofing works /CIVIL /NIT /2021-22/ Phase-III Tendering _
Bahadurganj DPC , Dated on -15/11/2021

The Jute Corporation of India Limited invites Sealed Tenders from experienced , bonafide & resourceful Civil bidders for the purpose of Civil waterproofing works at below location of

Bahadurganj Departmental Purchase Centre of JCI :

JCI Bahadurganj Departmental Purchase Centre

P.O.- Bahadurganj ; Block – Bahadurganj ; P.S- Bahadurganj;

Pin no. – 855101 ; District – Kishanganj ; State – Bihar.

(Bahadurganj is inside Marketing Yard near DPC LRP Chowk)

Estimated value of the above mentioned Work & other Important Details are furnished underneath:-

Project : BAHADURGANJ DPC Civil waterproofing works.

Tender Value of the Work : ₹ 1,48,396.00 (including GST & all applicable projects components , Financial & Tax components) .

Earnest Money Deposit (EMD) : ₹ 0.00 (NIL).

Required Credential For bidders : Details of “**Credential**”, given in ‘Appendix – B’(at page no. 20 of this NIT document) .

Tender Forms can be downloaded from the website www.jutecorp.in , non-refundable, by Pay Order/ Demand Draft, favoring ‘The Jute Corporation of India Limited, payable at Forbesganj’.

The last due date for submission of Tender is till 05:00 p.m. on 08/12/2021.

The Tender Offer(s) received shall be opened on 09/12/2021 at 03:00 p.m at the Forbesganj RLD office Of JCI.

The Corporation reserves the right to reject any or all submitted Offers without assigning any reasons whatsoever.

.....
(Tender Inviting Authority)

- FROM - 15/11/2021 (2 p.m.) to 08/12/2021 (up to 5:00 p.m.).
- PRE BID MEETING AT JCI Forbesganj RLD office on 23/11/2021 at 15.00 Hrs. (interested bidders can interact through video conference, or any virtual medium as will deem to be mutually suitable between JCI R.O. & interested bidders).
- LAST DATE OF SUBMISSION – 08/12 /2021 up to 5:00 p.m.
- BID OPENING DATE –09/12/2021 at 3p.m. at JCI Forbesganj RLD office (the very next Office working day of the Tender Closing Date.)
[BIDDERS ARE REQUESTED TO COME TO JCI Forbesganj RLD. ON THE STIPULATED DATE & TIME TO ATTEND BID OPENING MEETING, AT THEIR OWN INTEREST, EAGERNESS & COST].
- PRICE OF THE TENDER DOCUMENT RS. 100/- BY WAY OF PAY ORDER/ DEMAND DRAFT ISSUED FROM ANY SCDEDULED BANK, FAVOURING ‘THE JUTE CORPORATION OF INDIA LIMITED , PAYABLE AT FORBESGANJ’.
- PLACE OF SUBMISSION :
I. THE JUTE CORPORATION OF INDIA LIMITED. FORBESAGANJ RLD.
ADDRESS:

Sadar Road, Near Fency Market
Forbesganj (Araria), PIN Code:- 854 318

TEL No. :- 9029476372
At – Tender Box.

Detailed Bid submission procedures are mentioned at ‘Pg. no. 18’ of this NIT document.

N.I.T Document ISSUED TO: M/S

GENERAL CONDITIONS OF CONTRACT (G.C.C)

BIDDERS SHALL SIGN AND STAMP EACH PAGE OF TENDER DOCUMENT.

General Instructions to Contractor :

- 1 Inspection of sites: The contractor shall visit and examine the sites and satisfy as to the nature and correct dimensions of work and facilities for obtaining material and shall obtain generally his own information on all matters affecting the execution of work. No extra charge made in consequence of any misunderstanding or incorrect information on any of these points on the ground of insufficient description will be allowed. All expenses incurred by the contractors in connection with obtaining information for submitting this tender including his visit to site and efforts in compiling the tender shall be borne by the tenderer and no claims for reimbursement thereof shall be entertained.
- 2 Safety Regulations: The contractor shall take all the necessary precautions while working and to safeguard adjacent property, Corporation's property, Corporation's employees, employees of contractor & general public.
- 3 Compliance to local laws: The contractor shall conform to the provisions of any Act of the Legislature relating to the work and to the Regulations & Bye Laws of any prevalent authority. He shall also obtain all necessary permission / approval / NOC from other related competent authorities of related Or for completion of the said work, if required under the existing rules.
- 4 Site cleaning: All the rates quoted are inclusive of removal of rubbish / debris collected during the progress of work, rejected material and clearance of site before and after the work is completed. Not more than one truck load shall be stored that to for not more than 2 days. The contractor shall arrange to remove the same immediately. If the contractor is failing to do so Corporation shall remove the same and the expenses thus incurred shall be recovered from the contractor and no claim of any sort will be entertained.
- 5 Vouchers / bills: Contractor shall upon the request of the Corporation furnish bills, invoices, accounts, receipts and other vouchers for all materials brought on site to prove that the material purchased are as per the specification.
6. **Contractor's basic responsibility :**
 - a) The work will be examined from time to time by Corporation's Officers /Civil Engineer, but such examination shall not in any way exonerate the contractor from the obligation to remedy any defects which may be observed at any stage of the work or after the same is completed.
 - b) The Contractor shall provide everything necessary for proper execution of the works, according to the intent and meaning of the BOQ .
 - c) Samples & SHOP Drawings : After Award of the Contract , the Contractor shall furnish necessary Samples etc. along with the Specifications, or, as required by the JCI Authority.
No extra Payment shall be given to the Contractor for preparation / making available of any Samples to the Client. A schedule giving dates for the submission of Samples shall be included in the time Schedule Or, in the Program – Chart (to be submitted by

the Contractor before starting of the work). Specifically authorized samples/SHOP Drawings (whichever will be in requirement) , must be submitted for approval within 07 Days of Award of Work , Or, as shown in the 'Work-Completion Schedule' as per Activity [to be submitted by the successful Bidder (whichever is earlier)].

d) The Contractor shall provide himself for ground and municipal water for carrying out the work at his own cost. In case of water from any other source, the same shall be Tested and can be used only after specific written permission from Appropriate authority of JCI.

In such case, Testing Cost will be borne by the Contractor.

e) Labour Hutment : Contractor should arrange at his own cost Labour Hutment. JCI may not charge the Contractor for his own unrented Ground. The employer shall on no Account be responsible for the expenses incurred by the Contractor for hired ground or water obtained from elsewhere.

f) Electric supply : Electricity will have to be arranged by the contractor; additionally the contractor shall have to make his own arrangement for providing points, wires lines, extension board, MCBs ,wherever it is required in the premises, in and out. The contractor shall arrange to install a Tested Meter & pay for the energy consumed by him. JCI however, shall support at it's level best in this regard , for the sake of work.

7. Dismissal of workperson from work: JCI Officer / Engineer shall be at liberty to object to and request the Contractor to remove forthwith from the Works any person provided by the Contractor who, in the opinion of the JCI Officer/ Engineer, misconducts himself, or is incompetent or negligent in the proper performance of his duties, or whose presence on Site is otherwise considered by the JCI Officers /Engineer to be undesirable, and such person shall not be again allowed upon the works without the consent of the JCI designated Officers / Engineer. Any person so removed from the works shall be replaced as soon as possible by a qualified person approved by the JCI Engineer/ JCI appropriate Officer .
8. Order of work, etc: Corporation reserves the right to fix the order in which the various items of work involved are to be executed. However, the contractor shall be responsible for the completion of the entire job within the item and time limit specified to enclosed BOQ (Bill of Quantity) failing which Liquidated Damages as mentioned in clause shall be recovered from the contractor.
9. Commencement of work: The work must be started within 07(seven) days upon accepting the Work order and the program for carrying out the various jobs shall be drawn out (Project Execution Schedule /Plan in writing) in consultation with the corporation's Officers / Civil Engineer. Default in compliance with the programmes so finalized shall entail operation of liquidated damages as stated. Adequate labour force shall be provided to complete the work within the specified period. Safety of the personnel (labour engaged by Contractor) and security of consumables & building materials as well as that of construction-in –progress Items & structures are the sole responsibility of the contractor. The Corporation shall at no times be held liable for such loss arising out of the negligence of the Contractor.
10. Subletting the work: The contractor shall not directly or indirectly sublet the work to other party without written permission from the Corporation.
11. Quantities of works are provisional: The quantities mentioned in schedule are provisional and likely to increase / decrease to any extent or may be omitted thus **may alter** the

aggregate value of the contract. However, no claim for loss or Profit of Contractor's business shall be entertained on this account.

12. Distribution of work: The Corporation reserve the right to distribute the work for which Tender have been called, among more than one parties, if found necessary. No claim in this respect shall be considered and the contractor shall agree to cooperate with other agencies appointed by the Corporation.
13. **Third party damage, Or, Damage to Person / Property :** The sole responsibility lies with the contractor or the persons employed by his agency/firm against all losses and claims in respect of: (a) Death of or injury to any person, or (b) Loss or damage to any property (other than the Works) which may arise out of or in consequence of the Repair and Maintenance of the works and the remedying of any defects therein, and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof.

The contractor shall indemnify and keep indemnified the Corporation against all such damages and compensation and expenses whatsoever in respect thereof or in relation hereto.

14. **Insurance cover:** All the workers of the contractor must be properly covered by an Insurance Policy under Workman's Compensation Act and Fatal Accidents Act and shall indemnify the Corporation from all the liabilities arising out of such events. In case of delay, contractor shall arrange to extend insurance policy till work is completed.
15. **Delay & Extension of time:** All the work should be completed within the specified period mentioned in the tender. If the work is delayed due to the reasons beyond the control of the contractor, he should, immediately apply to the Corporation explaining therein the reasons for such delays (DELAY ANALYSIS) and if in the opinion of Corporation the delay will thought to be justified, the contractor shall be granted extension in the time limit.
However in cases where sufficient reasons of Delay is not given by the Contractor, the corporation is free to impose liquidated damages as the case may be (as per the NIT document).
16. **Certificate of actual completion:** As soon as the work is completed, the contractor shall inform in writing such completion to the corresponding Corporation's Officers who will inspect the work and if satisfied, will issue the certificate that the work has been actually completed and the defects liability period shall commence from the date of such certificate.
17. **Defect liability period (DLP) :** The defects or other faults which may appear during the defect liability period which is **60 months or 05 years (viz. till 'Warranty period')** after the virtual completion of the work, arising in the opinion of the Corporation due to inferior quality of material or bad workmanship not in accordance with the contract, contractor shall make good at his own cost within a reasonable time.

On failure of the contractor to do so, the same shall be completed by the Corporation at the risk and cost of the Contractor.

18. Arrangement of work: The contractor shall organize the work in such a way that the surrounding environment or the nearby public areas are not subjected to any hardships and the working of the office is not affected. The contractor shall take adequate care during the progress of work to protect the office property like stationery, furniture, etc. In case of any damage, the same shall be made good by the contractor and no claim in this regard shall be entertained. If Contractor agrees to work after office hours/during

night, for which no extra cost shall be considered.

19. Stacking of material: The contractor is not to stack any of his material recklessly so as to endanger the safety of the building and cause any nuisance to the occupants and the public.
20. Charges for extra Works : It is clearly implied that all the conditions of contracts are intended to be strictly enforced and that no extra charges in respect of extra work will be allowed unless they are clearly outside the spirit and meaning of the condition and unless such work shall have been ordered in writing from JCI end.
21. Protection of material and work: The contractor shall be responsible for storing and watching his own material and protecting the work at his own cost.
22. **Approval of samples:** The contractor shall furnish well in time before work commencement at his own interest, samples of material(s) or workmanship that may be required by Corporation's Officer / Civil Engineer for approval. The Contractor should readily adhere & act accordingly the issues . Rates quoted shall cover for such preliminary work.
23. Workmanship: The work involved calls for a high standard of workmanship combined with speed. All the glass panes, door handles / hinges, electric fitting, fans, furniture records, floors etc. are to be thoroughly cleaned after work is completed. Any damage to the flooring, tiles, paneling or any other part of the building, etc. Shall be made good at the cost of the contractor to the entire satisfaction of the Corporation. Contractor shall make all arrangements for shifting of furniture / records and keeping the same in its original position after he finishes the work on daily basis. The contractor at his own cost shall provide brown paper, polythene, tarpaulin etc. protecting furniture / fixtures, paneling, electrical, fittings, records, etc.
24. Interpretation of documents / drawing: Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, design, drawings, Bill of Quantity (BOQ) and instructions herein before mentioned and as to the quality of workmanship or materials used for the work or as to any other question, claim, right, matter or thing whatsoever, in any way arising out of or relating to the contract, designs, drawings specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the competent authority of the Corporation whose decision shall be final and binding on the contractor.
25. Use of scaffolding: The contractor shall allow the use of scaffolding erected by them, to any other agency employed by the Corporation during the contract period without any payment. Scaffolding shall be of M.S pipes & Clumps , when Contractor needs to do the Work at Higher level , like Truss Top etc.
26. Provisional Item: If ordered by the Corporation, contractor shall be required to carry out provisional items at the same conditions and Rates as applicable for this Contract.
27. Measurements of all concealed items: Measurements of all concealed items (wiring cabling / ducting / plumbing / piping etc.) of work and extra item if any, shall be got recorded by the Corporation's Officers / Civil Engineer before it is concealed or covered.
28. Measurements: All measurement tapes shall be , by steel tape or Laser electronic measurement tape and all scaffolding and ladders, spade , shabbals etc. that may be

required for taking measurements , shall be supplied by the contractor.

29. Cleaning during the work: The rates quoted shall include cleaning of entire site with all fixtures & equipments, leaving the site neat and tidy from time to time.
30. Complying I.S. specification: Unless,or, otherwise mentioned in the Contract ,the latest Indian Standard Code for material specifications, method of work, and mode of measurements shall be followed. The payment shall be made on the basis of actual measurement of work done to be submitted along with bill.
31. “Working ‘Make-List’ : Materials to be used in the waterproofing works, shall conform to corresponding IS Code or, standard BIS Specification etc.

The required Make(s) or Brand(s) etc. , has been given with the BOQ enclosed with the Tender documents on the related Items’ works to be executed .
32. Rate to include: The rates quoted by the contractor shall cover for work at any height in the premises for all finished items under this contract. The rate quoted shall be inclusive of all material cost, wastage, labour, loading & Unloading , profit, taxes if any, scaffolding, transport, supervision, preparation of SHOP DRAWING (if required),spot light arrangement and any other means to complete the job. GST, sales-tax, Labour Welfare Cess , Swachh Bharat Cess etc., Works Contract Tax or any other taxes present or future to be included in the rates so quoted. If there is a change in the tax structure / duties as per State / Central Govt. Order after award of contract, the Corporation shall not reimburse the difference in tax.
33. **Price Fluctuation:** The rates quoted by the contractor shall be firm throughout the currency of contract (including extension of time, if any , granted) and will not be subject to any fluctuation due to variation in the cost of material or labour.
34. The successful tenderer if called upon to do so / if found necessary by the Corporation, shall obtain a letter from the approved trade manufacturer whose product is used, if found necessary by the corporation confirming that the manufacturer shall provide all the technical assistance and supervision during the execution of the work at all such places as directed and the contractor shall bear the expenses, if any, for such supervision and technical assistance supplied by the trade manufacturer.
35. **Testing of Materials:** If at any point of time during the work, corporation desires to carry out test of certain materials, the contractor shall arrange for the same and submit the Test Report without any claim for extra cost for that..
36. The contractor shall hereby declare that they should bring to the notice of the Officers / Civil Engineer of JCI any defects in building / other Structures including finishes or breakage in glass window, curtain glazing, etc. before starting work. However, if any defect in finishes of building or glass is found to be broken during the work at Contractor’s fault , the same shall be **Made Good** by the contractor at his own cost on immediate effect without hampering Work pace.
37. Conditional tenders: Conditional tenders (Or, Quoting of Rates partially in BoQ) are liable to be rejected.
38. The Contractor (successful bidder) will give 'Warranty Certificate' for 05 years (w.e.f from the issuing date of ‘Work Completion Certificate’ at JCI end), on Rs. 100/- Stamp paper & to be Notarized by 1st. class Magistrate , after completion of works.

R.A Bill Payment will be released after having received this 'Warranty Certificate' in form of Notary.

60.0 months or 05 years will be considered as 'Defect Liability period'.

- 39. Rates of non-tendered or Non-Scheduled Items:** The successful Tenderer is bound to carry out any item of work necessary for the completion of the job even though such items are not included in **schedule of quantities i.e. in BOQ**.

Sub- Section -01 Provision of such Altered / Additional Items of Works :-

If the altered/additional work required to be executed as per JCI's requirements, for which there are no established rates in Schedule of Rates, the same shall be payable as per provisions stated hereunder –

a) In Case of Substitute Item(s) :

As Per Scheduled Rates as approved.

b) Payment of Substitute in case of Non-Schedule items (Non BOQ items) : - Rate of Similar Scheduled Items , as per in practice CPWD_DSR Or concerned State Schedule or nearby Rate –Analysis of the Item (as will be derived and will be logically & technically fit).

- 40.** Abandonment of work: If in any case , the work required to be abandoned, the contractor shall not be entitled for any claims and he will be paid as per the actual work done till that period.
- 41. The Corporation reserves the right to accept / reject any or all tenders in part or in whole without assigning any causes as on date or, thereafter.**
- 42. Decision of the Corporation shall be final and binding on any matter connected with the work.** In the event that there is some dispute, the matter shall be decided after mutual discussions based on the terms and conditions of this contract. However, if the matter cannot be resolved then the same shall be referred to respected, qualified person in the field agreed to both the parties and his opinion shall be binding on both the parties. However, this is pre-course to any legal action in this regard.
- 43.** Incomplete quotation: Incomplete quotations shall be summarily rejected.
- 44.** Payments: The contractor shall be paid by the Corporation as per payment schedule stated in the Contract Documents.
- 45.** When the work will be virtually completed and Corporation's Officers / Civil Engineer will certify in writing that the work has been completed on the basis of detailed measurements and has made a final scrutiny and that there may be no dispute regarding items, rates, and quantities, the contractor shall be entitled to the payment of the final bill in accordance with the final certificate which will be honoured within the period specified in the Appendix as period of honoring final certificate.
- 46.** The contractor shall be paid by the corporation within the period mentioned in '**Appendix- A**' (period of Honoring Certificate) after '**Work Completion Certificate**' will be issued to the Contractor by the by the appropriate corporation's officers / Civil Engineer. The Corporation's Officers / Civil Engineer has the power to withhold any certificate if the work or any part thereof are not carried out to his satisfaction or the contractor fails to show the desired progress or fails to follow the instructions given or in case of breach of this contract.
- 47. Performance Guarantee :** 5% of the Total Contract Amount to be deposited as Performance Security Deposit , for the successful bidder, shall be considered as Performance Guarantee Amount. Within One week of award of work, the Contractor shall submit the '**Performance Security**' for proper performance of the Contract. The

performance guarantee shall be valid for the duration of the contract period plus **05 Years period**. The performance security can be encashed by the JCIL to recover any amount which is payable by the Contractor to the Jute Corporation on any account for a cause arising out of the contract.

48. The contractor is requested to sign each page of the quotation and put rubber stamp, seal below his signature and seal the quotation in an envelope.
49. **Liquidated Damages (L.D)** : If the contractor fails to maintain the required progress or to complete the work and clear the site before the **Contract Completion Period Or**, extended date period of completion, without any sufficient reasons thereof , he shall without prejudice to any other right, pay as agreed compensation amount of 0.5% of contract amount per week of delay , subject to maximum of 10.0% of contract amount as Liquidated Damages.
50. **Records & measurements and Processing of R.A Bills** : The Contractor will raise the Work Bill , after informing JCI officially in writing through email / letter correspondence. Measurements shall be checked & verified jointly by Corporation's Officers / Engineer and contractor and no extra charges shall be provided to Contractor for assistance with appliance/ Equipment , labour and other things necessary for taking measurements. Measurements will be signed and dated by both the parties on completion of measurements.

Some basic criteria and Documentations should be maintained during submission of the R.A Bill(s) will be raised by the Contractor, are as follows :

- (i) Only Fair Face measurements shall be considered during taking measurements.
- (ii) Standard Mode of Measurement Procedure as prescribed in the IS Codes, or , 'Standard Procedures' shall be kept in mind during taking Site measurements & thereafter raising Work- Bills.
- (iii) All Test Certificates have to be submitted with the Bill , as per 'Quality Assurance Plan (Q.A.P)' (as will be issued to the Contractor).
- (iv) Should submit all Raw "Materials' Reconciliation Statement" (as per standard Engineering procedures) along with all back-up/ relevant valid Material Challans & Invoices (as applicable).

Should submit also soft copy of the Measurement sheets (apart from Hard copy set to smoothen the Bill Checking process) along with (as will be issued) prescribed Qty. cum Cost Abstract Sheet.

51. **Safety measures**: The contractor at the time of breaking Structures / plaster etc. to safeguard adjacent property, corporation's property, employees, general public, etc. The contractor shall follow all the safety measures (should comply with the corresponding IS Codes / Specifications / Standard Practices , in respect of the related Works.) while carrying out the work.

The contractor shall take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others, resulting from pollution, noise or other causes arising as a consequence of his methods of Repair. All safety rules prescribed by the Government shall be strictly observed to execute the work and safety of manpower deployed. The Corporation shall not be liable for any compensation due to accident, any mishap or negligence.

52. If there is delay in commencement of work for any reason, the Corporation shall not be liable for any compensation.

53. If at any point of time during the progress, it is observed that the contractor is not carrying out the work with due diligence, care and lagging much behind the Time-schedule or fails to gear up the work despite instructions from corporation's Architects/engineer, the corporation reserves the right to terminate the contract with 7 days' notice. In such case, the contractor shall be liable to pay the employer any extra cost involved for the completion of the said work and will not obstruct any way in completing the work through other agency. After completion of entire work the contractor shall be paid for the actual work executed by him at the quoted rates after deducting any claims, damages. In case of such termination the security deposit held by the Bank may be forfeited .
54. First Aid: The contractor shall be responsible for all first aid and he shall keep the site fully equipped to meet such emergency.
55. Supervision: The contractor is required to have on site during all working hours a competent supervisor who will be responsible for the conduct of worker and who shall have knowledge, experience & authority to receive and act on such instructions issued by the Officer / Engineer of the Corporation.
56. All work shall be carried out in a workman-like & well planned manner to the entire satisfaction of the JCI Officers / Engineers.
57. Compliance of Rules , Regulations ,Laws & Bye-Laws : The contractor shall be fully responsible for observance of all labour laws applicable including local laws and other laws applicable in this matter and shall indemnify and keep indemnified JCIL against effect of non observance of any such laws. The contractor shall be liable to make payment to all its employees and make compliance with labour laws . If JCIL is held liable as "Principal Employer" to pay contributions etc. under legislation of Govt. decision in respect of the employees of the contractor then the contractor would reimburse the amount of such payments/ contribution etc. to JCIL and the same shall be deducted from the payments, security deposit etc. of the contractor.

58. The successful Bidder shall sign a separate Agreement, apart from Work-Order .

59. Transfer of Tender Documents: Transfer of tender documents purchased by one intending tenderer to another is not permissible.
60. Safety: The contractor shall carry out the entire work in a workman like manner having full regard for the safety of the men working at site. All safe practices shall be strictly adhered to by the workmen of the contractor like wearing helmets, safety belts / harness when working at heights, gloves when handling sharp objects and reinforcement, eye shields during welding, safety shoes, etc. The contractor shall protect sides of openings in floor slabs, edges of slabs, stairs, stairwells etc. with barricades, warning signs / lights and educate all his workmen regarding following safe working practices. He shall provide first aid boxes at site.

The Contractor shall sign & stamp a 'BASIC SAFETY GUIDELINE' Undertaking , will be issued from JCI's end.

In spite of following proper Safety methods, in case of any unfortunate accident that may occur , the contractor shall Indemnify the employer against any expenses or claims towards treatment or compensation .

61. A Daily Diary Register: Details of work for Day to Day proceeding and A Site Diary naming '**Daily Work Progress Register**'(DWPR) will be written up every day and jointly to be signed by the JCI representative and the Contractor's representatives as a

token of authenticity , as mutually agreed upon.

62. Nuisance: The contractor shall not at any time do cause or permit anyone to do or cause any Nuisance on the site or do anything which shall cause unnecessary disturbance of inconvenience to the Employer or to the owners, tenants or occupiers of other properties near the site and to the public generally.

63. Deviations / Variations Extent and Pricing :

The Payment shall be made at the Rate set out in the Contract for the measured Quantity within prescribed range [usually +/- 15 (Fifteen) percent] per Item of the Estimated Qty. of the Initial BOQ.

Revised BOQ : So, as per changing needs, Or, situational Demands, the BOQ may be Revised to meet the specific requirements of the Corporation.

However, prior approval before execution of Works , over the projections, may be communicated to the **Competent Authority** time to time, with proper justification for reason of such deviation.

64. During Tendering Process, the Tender Evaluation Committee (T.E.C) may call upon any Bidder for clarification on the statements and /or Submission of supporting documents/documentary evidence relating to the Technical Bid. The Bidder has to furnish the clarification(s) called for, in writing within the stipulated time as fixed by the T.E.C. And, in case of failure to do so, the bidder may be considered Disqualified.

65. The Contractor at his own responsibility & liability, will provide 'Material Stocks' details updation on regular basis. The 'Materials Register' to be signed by both Contractor's & JCI representative (posted at site).

Also the Contractor should submit directly at site – Material's Invoice(s) or Challan(s), by stamping & signing by the contractor, in support of the materials entried at site.

66. Rights, remedies and powers:

I. Termination of contract due to contractor's default. If the Contractor:

- a. Abandons the contract. Or,
- b. At any point of time defaults in proceedings with the works with due diligence and continues to do so after a notice in writing of seven days from the Civil Engineer Or Officers or Employer on behalf of JCI. ,Or,
- c. Commits default in complying with any of the terms and conditions of the contract and do not remedy it within 7 days after a notice in writing is given to him on that respect from the Civil Engineer or Officers or Employer on Behalf of JCI.
- d. Persistently disregards the instructions of the Civil Engineer, Officers or contravenes any Provision of the contract ,or
- e. Fails to remove materials from the site or to pull down and replace work after receiving from the Engineer, or officer's notice to the effect that the said materials or works have been rejected.
- f. Fails to complete the works or items of work on or before the stipulated date (s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Civil Engineer, officers or Employer ,or
- g. Offer or gives or agrees to give to any person in the Employer's service or to any other person on this behalf, any gift or consideration of any kind as an inducement or reward for doing or forbearing to do so for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract from the Employer ,or ,
- h. Being an individual, or if a firm, any partner thereof, shall be at any time be adjudged insolvent or have a receiving order or or, order for administration of his estate made against

him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or support so to do, or any application be made under any of the following :-

- i. Being a company, shall pass a resolution or the court shall make an order for the liquidation of its affairs, or a appointed or circumstances shall arise which entitle the court or debenture holders to appoint a receiver or manager ,or
 - j. Shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days ,or
 - k) Assigns, transfers, sublets (engagement of labour on a piece work basis or of labour With materials not to be incorporated in the work, shall not be deemed to be sub-letting) or attempts to assign, transfer or sub-let the entire works ,or any portion thereof without the prior written approval of the employer.
- II . The corporation may, without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter as the Employer by written notice determine the contract either as a whole or in part. Upon such Termination of the contract in whole or in part, the Security Deposit with the Employer in respect of the contract shall stand forfeited to the Employer without in any way affecting the rights of the Employer.

III. Rights of the employer after termination of the contract due to contractor's default.
Appropriate Authority of JCI shall on such termination have powers to:

- a) Take possession of the site and any materials equipment, plant, implements stores etc. Thereon , and /or , Carry out the incomplete work by any means at the risk and cost of the contractor.

IV. On Termination of the contract in full or in part, the Civil Engineer shall determine what amount, if any, is recoverable from the contractor for completion of the works or part of the works or in case the works or part of the works is not to be completed, the loss or damage suffered by the Corporation . In determining the amount, credit shall be given to the contractor for the value of the work executed by him up to the time of cancellation or the value of contractor's materials to be present so as to record the measurements in his presence. If the contractor fails to be present in response to the notice, the recording of measurements shall be proceeded ex-parte and the measurements as recorded shall be binding on the contractor.

V. The Corporation shall have the right to use contractor's plant, machinery and materials on the balance work but shall not in any way be responsible for any damage or loss of the same and the contractor shall not be entitled to any compensation thereof .

66. Force Majeure :

Any delay in or failure to perform by the either party, shall not constitute default so as to give rise to any claim for damages, to the extent such delay or failure to perform is caused by an act of God, or by fire, explosion, flood or other natural catastrophe, or any pan demonic situation governmental legislation, orders or regulation etc. Failure to hand over the entire site and / or release funds for the project, for reasons attributable to the above factors shall also constitute force majeure. The time for performance of the obligation by the parties shall be deemed to be extended for a period equal to the duration of the force majeure event. Both parties shall make their best efforts to minimize the delay caused by the force majeure event. If the failure / delay of the client /owner in handing over the entire site and / or in releasing the funds continues even on the expiry of the stipulated date of completion, JCIL, may, at the

request of the contractor, foreclose the contract without any liability to either party.

67. Amicable Settlement of Disputes :

The party shall use their best efforts to settle amicably all disputes arising out of or in connection with this contract or the interpretation thereof.

68. Bid validity period : 90 Days.

69. ARBITRATION :

Any dispute and differences relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned and as to the quality of workmanship of materials used in the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions or these conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof in respect of which amicable settlement has not be reached shall be referred to the Sole Arbitrator to be appointed by Jute Corporation. However The work under the contract shall continue, during the Arbitration proceedings. The award of the arbitrator shall be final , conclusive and binding on both the parties. The provision of the Indian Arbitration and Conciliation Act 1996 or any statutory modification or re-enactment thereof and the rules made there under, and for the time being in force , shall apply to the arbitration proceeding under the clause.

JURISDICTION:

The Contract shall be subject to the Courts of Kolkata Jurisdiction only.

‘APPENDIX-A’ TO THE CONTRACT
DOCUMENTS

1. Defect liability period (DLP) : 60 (Sixty) months from the Date of Issuance of Completion Certificate’ by JCI end.
2. Date of commencement : Within Seven (07) Working Days after the Work-Order will be accepted by the contractor , Or, Hand-Over of the Site (whichever is earlier).
3. Date of completion : 14 (Fourteen Calender DAYS) from the Date of ‘Commencement of Work (i.e. to be counted as ‘DAY-01’ in the record) at Site.
4. Liquidated Damage (L.D) : 0.5 % of order value per Week of delay subject to maximum extent upto10.0% of Contract value .
5. Completion Certificate : Will be issued after successful completion of the work , and after checking of the Work by Appropriate Authority of JCI.
6. Payment Terms : i) 80% of Final Certified bill amount (of FINAL R.A Bill) within 30days from ‘Work Completion Certificate’.
ii) Rest 20 % of Certified bill amount within 90 days from ‘Work Completion Certificate’.
iii) TDS shall be Deducted as per Rule.
iv) Other Financial Components will be applicable as per Rule.
7. Total ‘Security Deposit’ : **3%** of the Total Contract Amount to be deposited as **Security Deposit (S.D)** before awarding of Work –Order , the **S.D** will be refunded on completion of 05(Five) Years from the issue of ‘Work Completion Certificate’ by JCI end .
This Amount shall be considered as ‘**Performance Security**’, to be deposited in the mode of ‘Demand Draft’ Or, ‘Pay Order’.
8. Retention Money : Further **5%** of Certified Bill Value will be deducted from Running Account bills and will be retained for a period of Five (05) Years from the date of issue of completion certificate at JCI end.
The Retained Amount will be release after defect liability period (DLP) will be over.
9. Earnest Money (EMD) to be submitted : NIL.

PRICE BID

AS PER BOQ IN SEPARATE ATTACHMENT , QUOTES TO BE GIVEN AS 'A' , % ABOVE OR BELOW
WITH RESPECT TO THE TENDERED VALUE .

SIGNATURE OF THE BIDDER
WITH STAMP

ELIGIBILITY CRITERIA FOR BIDDERS

BIDDERS WHO WANT TO PARTICIPATE IN ABOVE TENDER WOULD HAVE FOLLOWING
MINIMUM ELIGIBILITY CRITERIA (**Technical Qualifications**) :

- a. **Tender Fees** (Rs. 100/-) in the form of Demand Draft or Pay Order.
- b. **Earnest Money Deposit** – NIL.
Note : a **Self Declaration** (‘**APPENDIX – D**’_ at pg. no.) will be given by the bidder stating that if they withdraw or modify their bids during period of validity etc., they will be suspended for bidding in JCI Tenders for 03 Years as specified in the Tender documents.
- c. Should have valid Trade License (Civil related Trade, shall be considered) .
- d. Valid MSME certificate (if registered) .
- e. **Reg. GST Registration matter** :
GST (if any). Declaration to be provided in case of Non –GST with documentary proof.
‘Turnover certificate’ to be provided which should be duly certified by any registered & practising Chartered Accountant for last 03 Financial Years.
Bidders who has GST Registration certificate , shall submit latest Return filed.
- f. **Indemnity Clause** : An ‘Indemnity Bond’ on Non Judicial stamp paper may be given by the Bidder as to indemnify JCI against all labour laws related liabilities (physical injuries / major accidents etc.,). JCI will not be responsible for payment of any dues/ liabilities arising out of non-compliance of any labour laws by the successful bidder. A Format is enclosed with the NIT document for the purpose.
- g. **Declaration required regarding compliance of ‘Labour Welfare Cess’ under prevailing Laws & Practices** : ‘Labour Welfare Cess’ is to be borne by the Contractor only. Copy of the payment Challan need to be enclosed after completion of work. Letterhead declaration by the bidder to be submitted suitably in line of the above mentioned stance.
- h. **Income Tax Assessment order /Return** : ‘ITR Form’ (with acknowledgement) detailed papers & Tax Audit Reports are required , at least of last Three (03) Financial Years.
- i. **Reg. ‘Non-Blacklisting’ from any of the Previous Employer etc.:** Self Declaration is required , through bidder’s official Letter Head.
- j. **‘Credential criteria’** as detailed in NIT [‘Appendix – B’_ pg. no. 20].
- k. Bidder should have adequate financial capacity of not less than amount as specified in this N.I.T to undertake the above contract and to complete the work in all respect. Necessary proof in form of **Bank Statement of Minimum for last 01 Year , or , Solvency certificate from his banker** to be submitted.

This is to note that under no circumstances, the Work done Bill Amount to be credited to the Bank (if requested by successful bidder). The amount shall be credited to the Bidder’s A/C. only.

All the above Statutory documents to be self-certified by the Bidders and to be submitted in an envelope marked as **“TECHNICAL BID”** for Civil works for mentioned DPC .

PROCEDURE FOR TENDER- BID SUBMISSION

This is a two packet Bid submission process:

1. **Technical Bid** (Envelope -1) Consisting all relevant Technical Documents, Tender Fees & Self Declaration of EMD .
2. **Financial Bid** (Envelope-2) Consisting Financial Documents, based on overall % quoted above or below .

Both the Bids should be placed in another **big envelope** marked as “**BID for waterproofing works at Bahadurganj DPC of JCI**” in entirety and to be submitted within scheduled date and time to the Forbesganj RLD. Of JCI , i.e. ‘The Jute Corporation of India Ltd. , Forbesganj RLD. Office .

In Tender Box.

Tender documents to be dropped by Hand Or, by Registered / Speed Post , at the Tender Box being kept at JCI Forbesganj RLD.

The Tender being a 02 Packet Bid System , so both the Bid envelopes (Technical & Financial Bid) should be placed in a big envelop & properly sealed . Technical & Financial Bid envelopes should be marked with Tender No. & Tender name. Bigger & top envelop should be superscribed with Tender No., Tender Name & Due Date of the Tender and to be submitted within the scheduled date & time at the address mentioned in Tender Documents.

The Bidder at his own responsibility is required to ensure submission of the Tender document (complete in all respect) within the due date & time. Tender(s) received after the Deadline will not be accepted. The Corporation shall have No Obligation / Liability for any delay on the part of Bidder or due to postal issues, in receiving the Tender documents. The Corporation will not entertain any plea verbal Or through electronic or through hard copy letter correspondences reg. the acceptance of late Bid Or the extension of due date.

For any further information or queries, pls. feel free to contact with below mentioned :

1. Mr Koushik Halder (Addl. Civil Enggr.) , Contact No.- 98363 42321.
2. Mr. M.I Azad [Regional Manager (I/C.)] , Contact No. – 70918 10836.
3. Receiving Section at Forbesganj RLD. / JCI , Contact No.....

SELECTION OF CONTRACTOR

Selection of contractor would be done based on Technical Qualification and Financial Bid. Those who will qualify in Technical Bid , their Financial bid will be opened and ultimate selection will be done on the basis of **Lowest Quoted Bid (L1)** for above said works , considering the specified criteria will be complied by **L1** bidder properly.

APPENDIX – B [CREDENTIALS].

- i)** Intending Bidders shall submit Audited Balance sheet and Profit & Loss statements for last 03 Financial years ended on latest 31st. March , **Or,**
Financial Turnover for last 03 Financial years ended on latest 31st. March
To be duly certified by C.A or ICWA .
Average Annual turnover of such period of 03 years should be at least 30% of the Tender value.

And,

- ii)** Intending Bidders should produce Experience of having successfully completed similar nature of works during last **03** years ending last day of month previous to the one in which applications are invited should be either of the following :-

- a.** Three completed/ Work-Order value of similar nature works , each costing not less than the Amount equal to 40% of the estimated cost. Or,
- b.** Two similar nature of completed / Work-Order value of similar nature Works , each costing not less than the Amount equal to 50% of the estimated cost. Or,
- c.** One similar nature of completed / Work-Order value of similar nature Works , costing not less than the Amount equal to 80% of the Estimated cost. Or ,
- d.** Intending tenderers should produce credentials of one single running work of similar nature which has been completed to the extent of 80% or more and value of which is not less than the desired credential amount mentioned in Tender.
 - (i) In case of Running Works, Tenderers will have to submit the Certificate of satisfactory Running works from the concerned Executive Engineer, or, equivalent Competent Authority or Project Manager / In Charge or above designated person (in case of Private jobs credentials) will be eligible for submission of bids . In the required certificate it should be clearly stated that the work is in progress satisfactorily and also that no penal action has been initiated against the Executing Agency, i.e. the Tenderer (in our case).

***N.B.:** ‘Similar nature of works’ refer here as multiple types of Civil waterproofing works / Civil Chemical Treatment works / any related works etc.

APPENDIX – C

UNDERTAKING

I , the Proprietor / Director / Authorised representative , undertake to assure you (JCI) that we are/ would abiding by relevant Laws & Bye-Laws of the country & state with respect to Labour , Work Contract Act , Tax Norms (I.T, GST , Service Tax etc. as applicable) .

We, would also abide by the policies / Rules claimed by The Jute Corporation of India Ltd., for contractors / Vendors / Service Providers.

We or our personnel engaged in the Work or during Tender processes , will not create any nuisance or difficulty to the staff , members or, neighbours of JCI , in & around the Work premises / Site of JCI.

.....
Signature of the Bidder Or Authorized representative of bidder

APPENDIX – D

**I / we (the Proprietor / Director / Authorised Representative) understand that untimely withdrawal / further modification of Bids during the Validity period would eventually lead to suspension of the bidder M/Sfor a specific period of time?
[till completion of works and release of Final payment alongwith Completion Certificate / till placement of Work-Order and having received & accepted the same by the vendor whichever is later].**

In the event of arising of any contravention between the Tender Document & corresponding statute , the provision of the statute shall prevail.

Before the Notary Public (place name)

INDEMNITY BOND

1. Name of the Bidder:
2. Office Address:
3. Contact No. :
4. Official e-mail ID:
5. NIT No. :

“I, Shri., Son of, proprietor of M/S.....hereby undertake to indemnify and keep THE JUTE CORPORATION OF INDIA LIMITED (JCI) indemnified against all loss and damage that may be caused or likely to be caused as a result of any proceeding/ claims/ expenditure/ liabilities or due to non-compliances of P.F/ E.S.I/ Labour Laws and/ or any other related laws in force from time to time. Further, I undertake to make necessary compliances as required under the prevailing EPF Act, ESI Act and other laws, bye-laws, as applicable.

If this declaration is found to be incorrect, then without any prejudice to any other action that may be taken, the security deposit shall be forfeited in full and the contract if awarded to me, may be cancelled or we may be blacklisted by JCI.

Dated: _____

(Shri. _____)
Bidder/ Indemnifier

TENDER BILL OF QUANTITY _ requirement of specialized job (waterproofing works) to be executed.

At BAHADURGANJ Departmental Purchase Centre of JCI (Under Forbesgunj RLD. Of JCI in Bihar)

For Water proofing works in Bale press trench at Bahadurganj DPC of JCI in Kishanganj district ,Bihar.

SI. No.	DESCRIPTION OF WORK	TENDER BOQ				Remarks
		Unit	BOQ Qty.	Quoted Rate (In Rs.)	Amount (Rs.)	
A.	<u>Water proofing works at Bale-press trench :</u>					
1.0	<p>Solvent free polyurethane injection material (P.U grouting) materials to be applied on PCC bed (per point (Per point basis PU grouting to be considered) _ points considered along Length & Breadth C/C. as 2'-6" .The PU chemical Inject is injected into the water bearing areas by means of injection nozzles and handers. Motor-driven pumps.</p> <p>It has to be made sure that the material is homogeneous, mix the resin using a dry clean drill and paddle mixer for a minimum of 15 sec. before application. Generally, when in contact with water , the injected P.U foams up strongly and hardens. If the zone to be waterproofed, contains insufficient water, additional injection of water - preliminarily or subsequently – will support the reaction and hardening of Injection PU materials . The application is to be affected in accordance with the ZTV-rises or Riled of the Daft (regulations for crack injection).</p> <p>During injection of the chemical , the following criteria should be followed :-</p> <p>(a) Existing cracks (crack width approx. 0.2 mm) have to be bored in a distance of approx. 75.0 cm.</p> <p>(b) The bore holes have to be cleaned with oil free.</p> <p>(c) Pressure air from the dust.</p> <p>(d) Place the injection packers</p> <p>(e) Inject PU Chemical with the suitable injection equipment.</p> <p>(f) vertical cracks start the injection from the left side.</p> <p>* N.B. : 1. Nos. of nozzle points to be executed as per actual requirement at site. However, total nos. of Nozzle points shall not exceed the BOQ qty.</p> <p>2. Cleaning of slush & sludge from the area - this work will be executed by the Bale-press machine installation contractor.</p> <p>3. Conceptually , 'Arm Grout Inject PU1 _ ver.05 ' or equivalent product to be used during 1st. Phase of nozzling.</p>	Per Point	15.00		<p>Product to be used : 'Arm Grout Inject PU1 _ ver.05 ' [Make Co. - "MYK Arment Private Limited (Formerly Known as MYK Schomburg India Pvt. Ltd.)] or equivalent chemicals from SIKA / CICO / FOSROC / DR. FIXIT / BASF etc. brand.</p> <p>*Reg. Testing matter : M.T.C (Manufacturer's Test Certificate) in respect of the purchased Batch no. Or, Lab test report , must be submitted .</p>	

TENDER BILL OF QUANTITY _ requirement of specialized job (waterproofing works) to be executed.

At BAHADURGANJ Departmental Purchase Centre of JCI (Under Forbesgunj RLD. Of JCI in Bihar)

For Water proofing works in Bale press trench at Bahadurganj DPC of JCI in Kishanganj district ,Bihar.

SI. No.	DESCRIPTION OF WORK	TENDER BOQ				Remarks
		Unit	BOQ Qty.	Quoted Rate (In Rs.)	Amount (Rs.)	
2.0	<p>Solvent free polyurethane injection material (P.U grouting) materials to be applied on PCC bed (per point (Per point basis PU grouting to be considered) _ points considered along Length & Breadth C/C. as 2'-6" .The PU chemical Inject is injected into the water bearing areas by means of injection nozzles and handers. Motor-driven pumps.</p> <p>It has to be made sure that the material is homogeneous, mix the resin using a dry clean drill and paddle mixer for a minimum of 15 sec. before application. Generally, when in contact with water , the injected P.U foams up strongly and hardens. If the zone to be waterproofed, contains insufficient water, additional injection of water - preliminarily or subsequently – will support the reaction and hardening of Injection PU materials . The application is to be affected in accordance with the ZTV-rises or Riled of the Daft (regulations for crack injection).</p> <p>During injection of the chemical , the following criteria should be followed :-</p> <p>(a) Existing cracks (crack width approx. 0.2 mm) have to be bored in a distance of approx. 75.0 cm.</p> <p>(b) The bore holes have to be cleaned with oil free.</p> <p>(c) Pressure air from the dust.</p> <p>(d) Place the injection packers</p> <p>(e) Inject PU Chemical with the suitable injection equipment.</p> <p>(f) vertical cracks start the injection from the left side.</p> <p>* N.B. : 1. Nos. of nozzle points to be executed as per actual requirement at site. However, total nos. of Nozzle points shall not exceed the BOQ qty.</p> <p>2. Cleaning of slush & sludge from the area - this work will be executed by the Bale-press machine installation contractor.</p> <p>3. Conceptually , 'Arm Grout Inject PU1 _ ver.05 ' or equivalent product to be used during 2nd. Phase of nozzling.</p>	Per Point	21.00			<p>Product to be used : 'Arm Grout Inject PU4 _ ver.05 ' [Make Co. - "MYK Arment Private Limited (Formerly Known as MYK Schomburg India Pvt. Ltd.)] or equivalent chemicals from SIKA / CICO / FOSROC / DR. FIXIT etc. brand. <u>*Req. Testing matter</u> : M.T.C (Manufacturer's Test Certificate) in respect of the purchased Batch no. Or, Lab test report , must be submitted .</p>

TENDER BILL OF QUANTITY _ requirement of specialized job (waterproofing works) to be executed.

At BAHADURGANJ Departmental Purchase Centre of JCI (Under Forbesgunj RLD. Of JCI in Bihar)

For Water proofing works in Bale press trench at Bahadurganj DPC of JCI in Kishanganj district ,Bihar.

SI. No.	DESCRIPTION OF WORK	TENDER BOQ				Remarks
		Unit	BOQ Qty.	Quoted Rate (In Rs.)	Amount (Rs.)	
3.0	<p>Applying SBS Modified Self Adhesive Waterproofing Membrane with Cross Laminated HDPE Film (high-density polyethylene film) on brickwork wall outside surfaces (over plastered surfaces) , on outside surfaces of PCC , on periphery of PCC raft thicknesses.</p> <p>Surface preparation : A smooth, regular and dry surface is always a must for good application. The substrate should be completely free of any contaminants, loose material, protrusions or cavities. The presence of oily substances, frost or other moisture should be completely avoided. Rough concrete should be 'faired up' before application.</p> <p>Priming : Bituminous Self-adhesive Primer should be applied at the rate of 0.3ltrs/sqm. to surfaces which will have AquaArm SBS 3000X or equivalent applied. The coverage rate for the primer will vary depending on the porosity of the surface being treated. Allow the primer to dry for a minimum of 2 hours and a maximum of 8 hours, at temperatures of 25°C and above, or until touch dry. Longer drying times will be required at lower temperatures. Priming should only be carried out on surfaces which will be covered with AquaArm SBS 3000X the same day.</p> <p>Application : 1. Planning the installation of the membrane is important to ensure joints occur in suitable locations and not at corners and penetrations. 2. Longitudinal overlaps should be 80mm -100 mm and transverse laps 100mm -150 mm. 3. Application of membrane should always start from lowest point on a surface to ensure laps are self flashing. Apply suitable lengths of SBS membrane by first carefully aligning the roll and applying an initial 300 mm of material, then pull the siliconised release film and press the membrane on to the prepared surface. Sufficient care to be taken not to incorporate air bubbles under the membrane or wrinkles in the membrane. 4. When finishing the membrane into perimeter flashings or around penetrations, use Seal bituminous rubber mastic to assist in achieving a waterproof seal.</p> <p>*N.B. : - Payment will be made as per actual executed quantity only.</p>	SQFT.	487.00			Product to be used : 'AquaArm SBS 3000X [Make Co. - "MYK Arment Private Limited (Formerly Known as MYK Schomburg India Pvt. Ltd.)] or equivalent chemicals from SIKA / CICO / FOSROC / DR. FIXIT etc. *Reg. Testing matter : M.T.C (Manufacturer's Test Certificate) in respect of the purchased Batch no. Or , Lab test report , must be submitted .
	BIDDER'S QUOTED RATES SHOULD INCLUDE GST & ALL OTHER APPLICABLE FINANCIAL & PROJECT COMPONENTS , ITEMWISE.					

TENDER BILL OF QUANTITY _ requirement of specialized job (waterproofing works) to be executed.

At BAHADURGANJ Departmental Purchase Centre of JCI (Under Forbesgunj RLD. Of JCI in Bihar)

For Water proofing works in Bale press trench at Bahadurganj DPC of JCI in Kishanganj district ,Bihar.

Sl. No.	DESCRIPTION OF WORK	TENDER BOQ				Remarks
		Unit	BOQ Qty.	Quoted Rate (In Rs.)	Amount (Rs.)	
	<p>*N.B. : 1. Waterproofing Chemicals to be used , shall be of SIKA / CICO / BASF / DR. FIXIT / MYK ARMENT PVT. LTD. , Or, equivalent reputed Make Co.</p> <p>2. <u>General methodology of applying 02 types of PU materials for 'Injection grouting' :</u> Grouting of the structures with Armgrout Inject PU1 resin or equivalent material which shall be a solvent free polyurethane injection material. Armgrout Inject PU1 foams with water contact by high increase in volume and becomes a firm visco elastic foam, which seals temporarily against further water penetration followed by Armgrout Inject PU4 or equivalent material shall be a solvent-free thin liquid, two- Component polyurethane resin. Armgrout Inject PU4 is slow reacting and hardens to a non-foaming, non-rigid, pore free material which slightly foams when put into contact with water. C/c. distance is considered as 2'-6" & mentioned in BOQ.</p> <p>3. The Contractor (selected bidder through NIT) will give 'Warranty Certificate' in form of Notarized certificate, for 05 years (w.r.t the date of issuance of Official Completion Certificate from JCI end) , on Rs. 100/- stamp paper , after completion of works.</p>					