

# Office of the Burdwan Municipality

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Memo No.162/E/XII-4/AMRUT

Dated. 18.11.2020

**NOTICE INVITING ELECTRONIC TENDER No.  
Tender Ref. No. WBMAD/BM/AMRUT/3/20-21**

The Executive Officer, Burdwan Municipality on behalf of Administrator, Burdwan Municipality invites sealed competitive Bid on Turnkey Basis (Two part System) from reliable and resourceful Companies / Firms / Contractors having experience and acumen in construction work as noted .The eligibility are depicted hereunder for participating in the e-Bid.

01.	Name of Work:	<b>Surveying, investigation, Planning, Designing and jointing, Jack pushing of MS casing pipe of minimum 10mm thickness upto 500mm dia &amp; minimum 12 mm thickness above 500mm dia and K-7 type D.I. carrier pipe at different location under the PWD / NH / GT Road as required by Jack Push Technique with necessary pit arrangement and termination of the pipe line by connecting with the proposed D.I. mains on both sides for Water supply scheme including supplying of necessary MS pipe at the bidder cost but excluding cost of D.I. (k/7) pipe which will be supplied departmentally free of cost for the water supply scheme under AMRUT Scheme (Phase II) within Burdwan Municipality.</b>
02.	Location of Work:	<b>1) Burdwan-Arambag Road : Near Jagatberh, Berh More &amp; idilpur road (03 Nos) 2) Burdwan-Kalna Road : Near Pump House (01 No ) 3) Burdwan-Katwa Road : Near Bajepuratappur Bazar ( 01 No) 4)G.T Road Crossing (PWD): Near Police Line Bazar, Indrakanan, College More, Near Badsahi Road More &amp; Dreamland Nursing Home, Junction of G.T road &amp; Burdwan Kalna Road, Juction of G.T road &amp; Burdwan Kachari Road (06 Nos)</b>

03.	Eligibility to participate in the Bid	<p>Intending tenderers should produce credentials of a similar nature (i.e. having experience and technical acumen in Executing, Construction &amp; Completion of jack pushing work in a single or separate (cumulating of 5 contracts is allowed) contracts during last five financial years in any Government Department / Board / Semi-Govt. / Corporation / Statutory Authority / Undertaking etc.) of completed work of the minimum value of 40% of Quantum of work during 5 (five) years prior to the date of issue of the tender notice; or, 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 value at (i) above; In case of running works, only those tenderers who will submit the certificate of satisfactory running work from the concerned Executive Engineer, or equivalent competent authority will be eligible for the tender. 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.</p> <p style="text-align: center;"><b>AND</b></p> <p>The prospective bidders will have in their full time engagement experienced technical personnel &amp; ;</p> <p>(a) That there has never been default in paying Statutory Taxes and Duties.</p> <p>(b) That it has never been black listed / debarred by any Govt. / Undertaking / Private Organization.</p> <p>(c) That there are no civil suits / litigation is pending.</p>
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04.	Documents to be submitted	<p>i) Scanned copy of the Completion Certificate issued by the Concerned Executing Authority should be uploaded as Non-Statutory Document through online. Payment certificate / work order / certificate stating work under progress will not be considered as credential in this respect.</p> <p>ii) Uploading of scanned copies of Pan Card, up to date Income Tax Return receipts, up to date Professional Tax receipts, up to date VGST registration Certificate including in the Technical Proposal as Non Statutory Documents.</p> <p>iii) Registered Unemployed Engineer's Co-Operative Societies and registered Labour Co-Operative Societies are to upload the documents apart from the documents mentioned under Cl. 6(i) Registration certificate, Bye Laws, audited balance sheet showing up to date accounts as Non Statutory Documents.</p> <p>iv) The partnership firm shall furnish the registered partnership deed and the company shall furnish the Article of Association and Memorandum as Non Statutory Documents.</p> <p>v) All Bidders should have to upload only their self attested copies of the requisite documents in the website for submitting their Bid.</p>
05.	Documents to be produced in support of Credential for Bid	<p>A successful performance and completion certificate supplemented with work order and BOQ along with payment certificate issued by the competent authority shall have to be furnished in support of credibility in terms with eligibility criteria depicted in this Notice (Ref: SI. No. 3 : Eligibility to participate in the Bid). Besides this, following documents shall have to be furnished: (Length of jack Pushing work should be mentioned in the credential)</p>
	a.	Particulars of ownership/partnership or Board of Directors pertaining to the Organization / Company / Firm.
	b.	Copies of valid PAN Card, Sales Tax clearance, P.F & E.S.I Registration Certificate, Professional Tax clearance Certificate.
	c.	Bank solvency Certificate not less than <b>Rs 50 Lakhs</b> and Valid documents in support of annual Turnover.

	d.	Turn Over:- not less than 1 crore in any one of last 05 years.
	e.	<b><u>All documents in original to be produced in due course of time as &amp; when asked by the Bid Inviting Authority</u></b>
06.	Earnest Money	a) 2% of the Quoted Bid price in two parts, vice. Rs. <b>1,00,000.00 (Rupees One Lakhs only)</b> as an initial Earnest Money with Bid Proposal and rest as mentioned below.
		b) Initial earnest money is to be deposited either online by net Banking through using ICICI Bank Payment Gateway or offline through RTGS / NEFT. Please refer Memo No 3975-F(Y) dated 28.07.2016 of the Finance Department, Govt. of West Bengal
		c) Earnest Money Deposit i.e. 2% of bid amount beyond Rs. <b>1,00,000.00</b> (if any) shall have to be deposited by successful bidder after acceptance of Bid Proposal in the form of Bank Draft from any nationalized /scheduled Bank in favour of “Burdwan Municipality”, Payable at Burdwan .
07.	Name & Address of Engineer in charge	<b>Executive Engineer, Burdwan Division, M. E. Directorate, Purtabhavan, 5th Floor, Burdwan, District –Bardhaman.</b>
08.	Note: a)	The original copy of the Demand Draft etc. only in case of L1 Bidder towards Earnest Money Deposit should be submitted in sealed envelopes in the Office of the Burdwan Municipality, with his acceptance letter of the LOI. Failure to submit the hard copy with the acceptance letter within the time period prescribed for the purpose may be construed as an attempt to disturb the tendering process and dealt with accordingly legally including blacklisting of the bidder.
	b)	In case of Bandh /strike /holiday etc. falls on the schedule dates as mentioned above, the same will be treated on the next working day on the same time as scheduled above only unless otherwise notified through Net (e-portal)
	c)	Scrutiny of technical proposal and recommendation thereafter and processing of Comparative Statement for acceptance etc. will be made by Municipal Engineering Directorate, Govt. of West Bengal under the Department of Municipal affairs.

	d)	The successful Bidder shall have to execute an agreement with the authority as per usual norms in the Municipal Tender Form within 7 days after the issue of acceptance letter.
	e)	Exemption from EMD is not allowed.
	f)	The contractors shall have to procure all materials including steel and cement as and when necessary as per directive of EIC whose decision is final and binding.
	g)	Recovery of GST & labour welfare cess of gross value of the bills to be made as per regulation of employment and conditions of service act 1996.
	h)	Site inspection should be made before submission of Bid. Agencies are requested to physically verify the sites before Quoting their rate.
09.	Time of completion	Time of completion of the Contract is 90 days from the date of issue of Work Order. All of works will be started at a time within seven days after receiving of work order.
10.	Site inspection & general information	Intending Bidders are required to inspect the site of the Project with particular reference to location and infrastructure facilities. They are to make a careful study with regard to availability of materials and their sources and all relevant factors as might affect their rates and prices. They are also acquainted with relevant IS specifications with latest amendments, IE Rules, CPHEEO manuals, Clauses & Sub Clauses of the Bid documents and to have fully acquainted with all details of work front, communications, underground utility services, seasonal weather and its variation, labours, water supply, existing & proposed site levels, position and diversion of transportation and barricading , if required, electricity and any other general information including topological condition & existing level and level pertaining to and needed for the work to be completed in time properly.
11.	Consultation with Railway / PWD Department for permission	<b>Burdwan Municipality has already applied for necessary permission. Permission fees as per demand notice will be paid from Burdwan Municipality. Necessary Consultation with PWD / Railway Department should be made for permission.</b>

1) Date and Time Schedule as Follows:-

Sl. No.	Name of the Items	Date & Time
1.	Date of uploading of e-NIQ, and Quotation Documents online (Publishing Date)	18.11.2020 from 17.00 PM
2.	Document downloaded / sale start date (on line)	18.11.2020 from 18.00 PM.
3.	Quotation submission start date (on line)	19.11.2020 from 10.00 AM.
4.	Date of Pre bid Meeting at office of the Superintending Engineer, M.E.Dte, West Circle Patal Bazar, 3 <sup>rd</sup> fl. Tinkonia, Purba Burdwan, Pin- 713101, Email- <a href="mailto:sewcmmed@gmail.com">sewcmmed@gmail.com</a> ( the willing participants may send their query 02 days before via mail for needful consideration.	03.12.2020 at 15.00 PM.
5.	Quotation submission closing date (on line)	18.12.2020 up to 18.00 PM.
6.	Quotation opening date for Technical proposals (on line)	23.12.2020 at 12.00 NOON.
7.	Date of uploading list for Technically Qualified Quotationers (on line)	To be notified later on.
8.	Date and place for opening of Financial proposals (on line)	To be notified later on.
9.	Also if necessary for further negotiation through off line for final rate.	To be notified later on.

2) NOTE :-

1. In case of strike / holiday etc. falls on the schedule dates as mentioned above same will be treated next working day of the fixed dates and time as scheduled above only for Sl. No. B) v) to viii) of Table-1.

2. Scrutiny of technical proposal and recommendation thereafter and processing of Comparative Statement for acceptance etc. will be made by Municipal Engineering Directorate, Govt. of West Bengal under the Department of Municipal Affairs. Comparative Statement may be forwarded to the appropriate authority depending on the value of the work as applicable as per existing norms and guidelines under AMRUT programme.

12	Bid documents	<p>A full set of Bid documents consists of 2 Parts. These are <b><u>PART I</u></b> :- Containing all documents in relation to the name of the firm applied for and credential possessed along with all documents as depicted along with this NleB and its all corrigenda's.</p> <p style="text-align: center;">And</p> <p><b><u>Section A: Scope of the work</u></b></p> <p><b><u>Section B: Payment Terms</u></b></p> <p><b><u>Section C: INSTRUCTION TO BIDDERS/BIDDERS</u></b></p> <p><b><u>Section D: SPECIFICATION OF DIFFERENT ITEM OF WORKS TO BE EXECUTED</u></b></p> <p style="text-align: center;">And</p> <p><b><u>Section E: Schematic Drawing</u></b></p> <p style="text-align: center;">i. <b><u>Plan of jack pushing</u></b></p> <p style="text-align: center;">And</p> <p><b><u>PART II</u></b> :-Containing the Following Document. Bid Price/Price Schedule (.xls format).</p>
13	Validity of Bid	<p>A Bid submitted shall remain valid for a period of 120 calendar days from the date set for opening of Bids. Any extension of this validity period if required will be subject to concurrence of the Bidders.</p>
14	Withdrawal of Bid	<p>A Bid once submitted shall not be withdrawn within the validity period. If any Bidder / Bidders withdraw his / their Bid (s) within the validity period then Earnest Money as deposited by him / them will be forfeited.</p>
15	Acceptance of Bid	<p>The Competent Authority will accept the Bid. He does not bind himself to accept otherwise the lowest Bid and reserves to himself/herself the right to reject any or all of the Bids received without assigning any reason thereof.</p>
16	Intimation	<p>The successful Bidder will be notified in writing of the acceptance of his Bid. The Bidder then becomes the "Contractor" and he shall forthwith take steps to execute Formal Contract Agreement with The Chairperson / Administrator, Burdwan Municipality in 4 (four) copies after depositing requisite cost of Formal Contract Agreement and fulfill</p>

		all his obligations as required by the Contract.
		After the Bid is provisionally accepted, the Bidder shall submit detail Design, Drawing and working specifications phase wise based on existing site condition & proposed levels at site. If it is found technically correct and acceptable with proper examination by the Superintending Engineer, West Circle, M.E. Directorate, and provisional approval of the submitted drawings will be accorded phase wise for execution. Even after approval from the competent authority, if it is necessary to rectify anything at site, it is the sole responsibility of the contractor to reconstruct the same at his own cost at site after necessary approval from competent authority. Eventually, all the parts, Design, Drawings etc. of the successful Bidder shall be taken as a part of the agreement.
17	Escalation of Cost	There will be no escalation in cost for materials or labour and the contract price mentioned in the contract stands valid till completion of the contract, and other obligation, if any.
18	Name & address of EIC of the Work	Executive Engineer, Burdwan Division, M. E. Directorate, Purtabhavan, 5th Floor, Burdwan, District –Bardhaman.
19	Execution of Work	The Contractor is liable to execute the whole work as per direction and instruction of the Executive Engineer, Burdwan Division, M. E. Directorate, Purta bhavan, 5th Floor, Burdwan, District –Bardhaman.
20	Payment	Payment will be made to the successful Bidder by The Chairperson / Administrator, Burdwan Municipality periodically only on receipt of written recommendation from the Executive Engineer, Burdwan Division, M.E.Dte. and after satisfaction of E-I-C or his / her representative.
21	Influence	Any attempt to exercise undue influence in the matter of acceptance of Bid is strictly prohibited and any Bidder who resorts to this will render his Bid liable to rejection.



**FOLLOWING CLAUSES ARE TO BE ADHERING TO BY THE  
CONCERNED BIDDER DURING THE PROCESS OF BIDDING.**

22.	In case office faces sudden closure owing to reason beyond the scope and control of The Chairman / Administrator, any of last date / dates as may be extended up-to / to next and following working day without issuing further and separate notice should The Chairman / Administrator feel it to be necessary and exigent.
23.	<b>Persons having authenticated and having registered Power of Attorney may be considered lawfully becoming to be acting on and for behalf of the Bidder.</b>
24.	<b>Sufficient care has been taken to avoid variance in between the contents of the listed Documents in the Bid document. However, if there is any variance between the contents of different documents, the provision of documents appearing earlier in the list shall prevail over the same provided in the contents coming later.</b>
25.	<b>Imposition of any duty / tax / rule etc. owing to change / application in legislations / enactment shall be considered as a part of the contract and to be adhering to by the Bidder / Contractor strictly.</b>
26.	<b>Bid Acceptance Authority is the competent Authority.</b>
27.	<b>In case of any dispute arising from any clauses of similar nature between bid documents and Burdwan Municipality Tender Form, the decision of the Superintending Engineer, West Circle, M.E. Directorate, Purba Bardhaman will be final and binding.</b>
28.	<b>All usual deductions for taxes as applicable GST certificate and Labour welfare cess etc. as applicable will be made from the bills from time to time</b>
29.	<b>No conditional Bid shall be entertained.</b>
30.	<b>Successful Bidder will have to submit the break-up supported with analysis of the cost of Works in order to assess the value of Work done and make payment thereof before acceptance of bid against each item of work. In case of any dispute arising in the breakup and analysis thereof, decision of Superintending Engineer, West circle, M.E. Dte. Will be binding and final. Payment will make to the agency on the basis of approved breakup by SE (West Circle), M.E.Dte. as stated above.</b>

31.	<p>In the event of e-Filing intending bidder may download the Bid document from the website <a href="http://wb.tender.gov.in">http://wb.tender.gov.in</a> directly by the help of Digital Signature Certificate &amp; necessary cost of Bid document (if any) may be remitted through demand draft/ pay order issued from any nationalized bank in favour of "The Chairperson / Administrator, Burdwan Municipality", payable at Burdwan &amp; same may be documented along with earnest money Deposit through e-Filing, (scanned copy to be submitted) (Details of which has been narrated in "Instruction to Bidders"). Technical Bid &amp; Financial Bid both will be submitted concurrently duly digitally signed in the Website <a href="http://etender.wb.nic.in">http://etender.wb.nic.in</a>. Bid document may be downloaded from website &amp; submission of Technical Bid/Financial Bid as per Bid Schedule.</p>
32.	<p>The requisite cost of Bid documents (if any, in this tender no tender paper cost required) as specified in this NleB shall be paid by drawing a Demand Draft / Pay order on any Nationalized Bank / Scheduled Bank in favour of the "The Chairperson / Administrator, Burdwan Municipality," payable at Burdwan .</p>
33.	<p>The Bidder, at the Bidder's own responsibility and risk is encouraged to visit and examine the site of works and its Surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for the work as mentioned in the Notice inviting Bid, the cost of visiting the site shall be at the Bidder's own expense. Traffic management and execution shall be the responsibility of the Agency at his/her/their risk and cost.</p>
34.	<p>Prospective applicants are advised to note carefully the minimum qualification criteria as Mentioned in 'Instructions to Bidders' before bidding.</p>
35.	<p>During scrutiny, if it is come to the notice to Bid inviting authority that the credential or any other papers found incorrect/manufactured/fabricated, that Bidder will not be allowed to participate in the Bid and that application will be out rightly rejected without any prejudice.</p>
36.	<p>Before issuance of the work order, the Bid inviting authority may verify the Credential &amp; other documents with the original of the lowest bidder if found necessary. After verification, if it is found that such documents submitted by the lowest bidder is either manufacture or false, in that case, L.O.A./ work order will not be issued in favour of the bidder under any circumstances.</p>
37.	<p>If any discrepancy arises between two similar clauses on different notifications, the decision of "Superintending Engineer, West Circle, M.E.Dte." and is final &amp; binding.</p>

38.	Contractor shall have to comply with the provisions of (a) the contract labour (Regulation Abolition) Act. 1970(b) Apprentice Act. 1961 and (c) minimum wages Act.1948 of the notification thereof or any other laws relating thereto and the rules made and order issued there under from time to time.
39.	Where an individual person holds a digital certificate in his own name duly issued to him against the company or the firm of which he happens to be a director or partner, such individual person shall, while uploading any Bid for and on behalf of such company or firm, invariably upload a copy of registered power of attorney showing clear authorization in his favour, by the rest of the directors of such company or the partners of such firm, to upload such Bid. The power of attorney shall have to be registered in accordance with the provisions of the Registration Act, 1908.
40.	<p>Security Deposit @ 8% (eight percent) will be deducted from each and every running bill. The Security Deposit excluding operation and maintenance will be refunded as per PWD order No. 5784-PW/L&amp;A/2M-175/2017 Dated: 12.09.2017, wherein, Construction of new building / new bridge / new culvert, the Defect Liability Period of the work shall be five years from the actual date of completion of the work;</p> <p>For work with five years Defect Liability Period:</p> <p>i) No security deposit shall be refunded to the contractor for 1st 3 years from the actual date of completion of the work;</p> <p>ii) 30% of the security deposit shall be refunded to the contractor on expiry of four years from the actual date of completion of the work;</p> <p>iii) The balance 70% of the security deposit shall be refunded to the contractor on expiry of five years from the actual date of completion of the work.</p>
41.	Any legal matter will be settled within the jurisdiction of Hon'ble District Judges Court at Burdwan , Dist.-Purba Bardhaman, West Bengal.
42.	Bidder would be at liberty to point out any ambiguities, contradictions, omissions etc. seeking clarifications thereof or interpretation of any of the conditions of the Bid documents before the Bid Inviting Authority in writing 48 hours prior to Pre Bid Meeting, beyond such period non representation in that behalf will be entertained by the Bid Inviting Authority.

43.	The successful Bidder will remain liable for following with West Bengal Contract Labour (Regulation & Abolition) Act 1970 and necessary certificates from appropriate authority to be submitted within 07 (seven) days from the date of issue of work order, otherwise the work order will be cancelled.
44.	The successful bidder has to provide detailed estimate along with rate analysis (if any) for all civil and electro mechanical works including planning and drawings as per all necessary break up elaborately for comparison of rate with departmental estimate if asked by the competent authority before acceptance of bid and it will be treated as part of the Bid document.
45.	It has been prepared on the basis of major items of the work so that contractor may get payment after completion of major items. If any item the contractor feels as major item but not reflected in the bid will be pointed out during pre-bid meeting. All the items not shown in the payment schedule or in bid document but required for successful completion and commissioning of the project will be in the scope of Bidder.
46.	The requisite cost of Earnest Money, as specified in this NleB shall be paid by online internet bank transfer or NEFT or RTGS (as per GO No. 3975-F(Y) dated 28.07.2016 of Finance Department, Govt. Of West Bengal). Every such Transfer shall be done on or after the date of publish of NleB. Any Bid without such Transfer of EM (Except exemption as per G.O.) shall be treated as informal and shall be automatically cancelled. Online transfer of Earnest Money receipt (Scanned copy) shall be uploaded as Statutory document.
47.	The Bidders quoting rate in BOQ will be treated as the "Quoted rate inclusive of all type of taxes for Central Govt., State Govt., and any other Statutory body as admissible by rules and regulation of the Government (Central/State) time to time. Therefore All usual deductions for taxes as applicable i.e., GST, ST, IT, Labour welfare cess etc. will be deducted from the bills submitted by contractor time to time for their works. No extra claim in any circumstances beyond the quoted rate in uploaded BOQ will be entertained by Burdwan Municipality.

The Executive Officer,  
Burdwan Municipality

## **Section – A : SCOPE OF WORK :-**

1. **Name of Work** : *Surveying, investigation, Planning, Designing and jointing, Jack pushing of MS casing pipe of minimum 10mm thickness upto 500mm dia & minimum 12 mm thickness above 500mm dia and K-7 type D.I. carrier pipe at different location under the PWD / NH / GT Road as required by Jack Push Technique with necessary pit arrangement and termination of the pipe line by connecting with the proposed D.I. mains on both sides for Water supply scheme including supplying of necessary MS pipe at the bidder cost but excluding cost of D.I. (k/7) pipe which will be supplied departmentally free of cost for the water supply scheme under AMRUT Scheme (Phase II) within Burdwan Municipality.*

### **Jack Pushing works at different location of G.T. Road & others P.W.D Road crossing under water supply Project AMRUT at Burdwan Municipality**

Sl. No.	Description of location	Approx. Length(m) of the Crossing	Dia. of DI (K/7) Carrier Pipe & details	Dia. of MS Casing Pipe	Remarks
<b>Burdwan-Arambag road PWD Crossing</b>					
1	Near Jagatberh	11	200 mm dia Distribution line for Zone-V	400 mm	
2	Near Berh More	12	250 mm dia Distribution line for Zone-V	450 mm	
3	Near Anjir Bagan , Idilpur Road	9	400mm Distribution line for Zone-X	600 mm	
<b>Burdwan-Kalna Road</b>					
4	Near Pump House	9	400mm Distribution line for Zone-III	600 mm	
<b>Burdwan-Katwa Road</b>					
5	Near Bajepatappur Bazar	10	250mm Distribution line for Zone-III	450 mm	
<b>G.T Road Crossing (PWD)</b>					
6	Near Police Line Bazar	29	350mm Distribution line for Zone-IV	600 mm	
7	Near Indrakanan	35	250mm Distribution for Zone-IV	450 mm	
8	Near College More	24	400mm Distribution for Zone-I	600 mm	
9	Near Badsahi Road More & Dreamland Nursing Home	25	300 mm Distribution for Zone-I	500 mm	
10	Juction G.T road & Burdwan Kalna Road	17	500mm Distribution line for Zone-II	700 mm	
11	Juction G.T road & Burdwan Kachari Road	32	400mm Distribution line for Zone-II	600 mm	

**Total = 213m**

**Note:-** All data given above the scope of works are tentative, bidder is responsible to do necessary survey, test and all consideration before submission of tender. The items though not specifically & elaborately mentioned but quoting rate the bidder should take into account that the system is complete in all respect and reliable for safe and smooth operation and guaranteed performance and it shall be included with related items in the price schedule. No Extra claim shall not entertained by the M.E. Dte. for increase in size of units by successful bidder.if it is required for actual requirement.

2. **SCOPE OF WORK :**

Sl. No.	Item Description	Quantity
1.	<b>Mobilizing at site including all necessary plants equipment MS shield intermediate jacking station if necessary all other equipment &amp; temporary installation &amp; drawing of all such equipment installation to be concrete property to be payable on successful drive of pipe line.</b>	11 locations
2.	<b>Design drawing &amp; constructing a drive pit including necessary excavation shoring with timber etc. if necessary together with RCC thrust wall of suitable design &amp; constructed to withstand necessary jacking load and floor of minimum 200 mm RCC slab of sufficient area to handle shield concrete pipe units spacer 'blocks etc all complete with labour &amp; materials all as per specification include disposal of surplus soil complete.</b>	11 items
3.	<b>Design drwaing &amp; constructing a reception pit to recover the cutting shield at the end of jacking operation including excavation in all kinds of soil providing shoring with wooden planks if necessary wherever necessary and disposal of the surplus earth etc all complete with labour &amp; materials all as per specification drawing and direction of EIC.</b>	11 items

4.	<p><b>Supply of MS casing pipe of 10mm thickness upto 500mm dia &amp; 12 mm thickness above 500mm dia at different location under the PWD / NH / GT Road as required length etc all complete with all labors, machineries, material, tools and tackles, clearing of sites etc as per IS specification drawing and direction of EIC.</b></p> <p><b>( Only DI K/7 carrier Pipe will be supplied by ULB )</b></p>	11 items
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Note:- Restoration of road, drain, and any other ancillary infrastructure to be done by the agency as per satisfaction of EIC & the concerned Department.

5.	<p>De rusting, brushing, cleaning &amp; smoothening thoroughly the inner surface of MS pipes &amp; specials by sand blasting to SA-I Swedish specification &amp; immediately after sand blasting applying protective coating of drink on aluminum primer 2 Coats OFT (40-50) microns each coat &amp; drink on black finish 2 coats OFT (25-30) microns each coats of Asian paints Ltd or equivalent by spray painting the inner surface of the pipes as per manufactures specification all complete with supply of requisite materials, labour consumables etc including stacking of coated pipes properly as per specification &amp; direction of EIC.</p>	11 items
6.	<p>Placing, jointing, lowering &amp; jack pushing of MS casing pipe of 10mm thickness upto 500mm dia &amp; 12 mm thickness above 500mm dia at different location under the PWD / NH / GT Road as required length by Jack Push Technique etc all complete with all labors, machineries, material, tools and tackles, clearing of sites etc including supply cost of the outer most necessary casing pipe of requisite thickness as per IS specification drawing and direction of EIC &amp; making joint of K-7 type D.I. carrier pipe and laying by Jack Push Technique through the MS casing pipe and connecting the same with pre laid D.I. pipe by supplying and fixing of necessary air valve, non return valve, Sluice valve, bolted collar, dismantling joint, reducer and all other necessary fittings &amp; accessories as per specification and direction of EIC. . ( Only DI K/7 Pipe will be supplied by ULB )</p>	11 items



7.	<b>Making lighting arrangement for continuation of work during night including all charges.</b>	11 items
8.	<b>Hydraulically testing as per IS: 3114 - 1965 (Article 6) all pipes &amp; Specials laid and joint in site in section for a head of pressure as per specification by filling water including supplying, installing &amp; fixing all equipments such as generators, pumps, pressure gauges and making holes into the pipe, blocking ends, providing thrust blocks and subsequent plugging of the holes removal of blockages at the ends all complete as per specification &amp; direction of Engineer in charge.</b>	11 items
9.	<b>Making temporary traffic signal and all others necessary arrangement as per rules</b>	11 items
10.	<b>Burdwan Municipality has already applied for permission and necessary payment as per demand notice of PDW will be paid from Burdwan Municipality. Agency should be in touch with PWD department for necessary permission as early as possible.</b>	11 items
11.	<b>Except the above items if any other items will be required for complete the 11 nos jack pushing will be done by the bidder including supply of necessary items. No extra payment will be made from this office.</b>	11 items
12.	<b>Bidder is requested to visit the site for types of soil and place of jack pushing before submitting their quotation. No extra cost will be bare from this office for any type of soil, heavy water seepage, hard rock in the place of crossing of casing pipe. Bidder is responsible of any type of unavoidable circumstance or any type of accidental of labour.</b>	1 item

## SECTION – B PAYMENT TERMS:

Sl. No.	ITEM WISE BREAK UP	
1	<p><i>Surveying, investigation, Planning, Designing and jointing, jack pushing of MS casing pipe of 10mm thickness up to 500mm dia &amp; 12 mm thickness above 500mm dia and K-7 type D.I. carrier pipe at different location under the PWD / NH / GT Road as required by Jack Push Technique with necessary pit arrangement and termination of the pipe line by connecting with the proposed D.I. mains on both sides for Water supply scheme including supplying of necessary MS pipe at the bidder cost but excluding cost of D.I. (k7) pipe which will be supplied departmentally free of cost for the water supply scheme under AMRUT Scheme (Phase II) within Burdwan Municipality. ( for 11 nos works)</i></p>	
	<p><b><i>Break up : Applicable to each work of Jack Pushing.</i></b></p>	
A.	<p>Approval of drawing &amp; Supply of MS casing pipe of 10mm thickness upto 500mm dia &amp; 12 mm thickness above 500mm dia of different diameter at different location after sand blasting applying protective coating of Zink on aluminum primer &amp; black painting under the PWD / NH / GT Road as required length etc all complete with all labours, machineries, material, tools and tackles, clearing of sites etc as per IS specification drawing and direction of EIC.</p>	25%
B.	<p>Placing, jointing, of MS casing pipe of 10mm thickness upto 500mm dia &amp; 12 mm thickness above 500mm dia at different location under the PWD / NH / GT Road as required length by Jack Push Technique etc all complete with all labors, machineries, material, tools and tackles, clearing of sites etc as per IS specification approved drawing and direction of EIC &amp; making joint of K-7 type D.I. carrier pipe and laying by Jack Push Technique through the MS casing pipe and connecting the same with pre laid D.I. pipe by supplying and fixing of necessary air valve, non return valve, Sluice valve, bolted collar, dismantling joint, reducer and all other necessary fittings &amp; accessories as per specification and direction of EIC for water supply scheme.</p>	40%
C.	<p>Hydraulically, disinfecting testing as per IS: 3114 - 1965 (Article 6) all pipes &amp; Specials laid and joint in site in section for a head of pressure as per specification by filling water including supplying, installing &amp; fixing all equipments such as generators, pumps, pressure gauges and making holes into the pipe, blocking ends, providing thrust blocks and subsequent plugging</p>	20%

	of the holes removal of blockages at the ends all complete as per specification & direction of Engineer in charge.	
D.	constructing a driving & receiving pit including necessary excavation shoring with timber etc. if necessary together with RCC thrust well suitable design & constructed to withstand necessary jacking load floor of minimum 200 mm RCC slab of sufficient area to handle shield concrete pipe units spacer 'blocks etc all complete with labour & disposal of all unused materials all as per specification include disposal of surplus soil complete.	15%
	Total amount =	100%

**The Executive Officer,  
Burdwan Municipality**

SECTION ; C

INSTRUCTION TO BIDDERS/BIDDERS

SECTION – A-I

**1. General guidance for e-Biding**

Instructions/ Guidelines for bidders for electronic submission of the Bids have been annexed for assisting them to participate in e-Biding.

**2. Registration of Bidder**

Any Bidder willing to take part in the process of e-Biding will have to be enrolled and registered with the Government e-procurement system, through logging on to <https://wb.tender.gov.in> The Bidder is to click on the link for e-Biding site as given on the web portal.

**3. Digital Signature certificate (DSC)**

Each Bidder is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) for submission of Bids, from the service provider of the National Information's Centre (NIC) or any other bonafide service provider on payment of requisite amount. Details are available at the Web Site stated in Clause 2 of Guideline to Bidder. DSC is given as a USB e-Token.

4. The contractor can search and download Nl&B and Bid documents electronically from computer once he logs on to the website mentioned in Clause 2 using the Digital Signature Certificate. This is the only mode of collection of Bid Documents.

**5. Submission of Bids.**

General process of submission, Bids are to be submitted through online to the website stated in Cl. 2 in two folders at a time for each work, one in Technical Proposal and the other is Financial Proposal before the prescribed date and time using the Digital Signature Certificate (DSC) the documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats).

### ***A. Technical proposal***

The Technical proposal should contain scanned copies of the following further two covers (folders).

#### ***A-1. Statutory Cover Containing***

##### **1. Prequalification Document**

**i. As per Sl. No. 3 of NleB**

**ii. Prequalification Application (Sec-B, Form – I)**

**iii. Online transfer of Earnest Money receipt.(Scanned copy) as per Sl. No. 6 of the Bid document.**

**2. NleB (downloads and uploads the same Digitally Signed)**

**3. Technical Document (*To be filled, scanned & digitally signed*)**

**i. Financial Statement (Section – B, Form – II).**

**ii. Affidavits (Ref:-Declaration of the Bidder)**

**iii. Bank Solvency Certificate.**

**iv. Form III & IV Of Section B.**

**v. Declaration by the Bidder.**

**vi. Annexure V & Annexure X**

#### ***A-2. Non statutory Cover Containing/My Documents***

**i. GST Certificate (up to date).**

**ii. Registration Certificate under Company Act. (If any).**

**iii. Registered Deed of partnership Firm/ Article of Association and Memorandum.**

**iv. Power of Attorney (For Partnership Firm/ Private Limited Company, if any)**

**v. Tax Audit Report along with Balance Sheet and Profit and Loss A/c for the last five years (year just preceding the current Financial Year will be considered as year – I).**

vi. Clearance Certificate for the Current Year issued by the Assistant Registrar of Co-Op(S) (ARCS) bye laws are to be submitted by the Registered labour Co-Op(S) Engineers' Co.-Opt.(S)

vii. List of machineries possessed by own/arranged through lease deed along with authenticated documents of lease / sub-lease / hire basis etc.

viii. List of laboratory Instrument.

ix. List of technical staff along with structure and organization (Section – B, Form – III).

x. Credential: Scanned copy of Original Credential Certificate as stated in NleB (under sl. no -3).

**Note: - Failure of submission of any of the above mentioned documents (as stated in A1 and A2) will render the Bid liable to be summarily rejected for both statutory and non statutory cover.**

**The Executive Officer,  
BurdwanMunicipality**

INTENDING BIDDERS SHOULD UPLOAD NON-STATUTORY DOCUMENTS AS PER FOLLOWING

FOLDERS IN MY DOCUMENT:

<b>E-Bidding system of Government of West Bengal</b>			
<b>Bidder Document Sub Category Master</b>			
<b>Sl. No.</b>	<b>Category Name</b>	<b>Sub Category Name</b>	<b>Sub Category Description</b>
<b>A</b>	<b>CERTIFICATES</b>	<b>A1. CERTIFICATES</b>	<ol style="list-style-type: none"> <li>1. GST clearance Certificate.</li> <li>2. Income Tax Acknowledgement Receipt (Latest)</li> <li>3. Valid Electrical License</li> <li>4. E.S.I &amp; E.P.F. Registration Certificate.</li> </ol>
<b>B</b>	<b>COMPANY DETAILS</b>	<b>B1. COMPANY DETAILS 1</b>	<ol style="list-style-type: none"> <li>1. Proprietorship Firm (Trade License).</li> <li>2. Registered Deed of partnership Firm.</li> <li>3. Registration Certificate under Company Act. (if any) Ltd. Company (Incorporation Certificate, Trade License).</li> <li>4. Power of Attorney / M.O.U.(For Partnership Firm/ Private Limited Company, if any)</li> <li>5. Society (Society Registration copy, Trade License)</li> </ol>
<b>C</b>	<b>CREDENTIAL</b>	<b>C1. CREDENTIAL1</b>	Similar nature Work & Completion Certificates along with work order and payment certificate issued by competent authority (as per Sl No. 4 of NleB)
<b>D</b>	<b>EQUIPMENT</b>	<b>D1.LABOURTARY</b>	1. List of Machineries and equipment necessary for field as well as laboratory test of all materials as per NleB
		<b>D2. CIVIL MACHINERIES</b>	
		<b>D2. ELECTRICAL MACHINERIES</b>	
		<b>D2. MECHNANICAL MACHINERIES</b>	
		<b>D2.MISCELLENEOUS</b>	

		MACHINERIES	
E	FINANCIAL INFO	E1. P/L & BALANCE SHEET	P/L & BALANCE SHEET (As per NleB)
		E2. PAYMENT CERTIFICATE 1	Payment Certificate in support of valid credential only to be submitted (as per NleB)
F	MANPOWER	F1. TECHNICAL PERSONNEL	1. List of sufficiently qualified technical person (as per SI. No 3 of NleB)
		F2. TECHNICAL PERSONNEL ON CONTRACT	1. List of technical personnel employed under the organization (or on contact basis ) in details with name, qualification, experience and, address with contact number.
G	DECLARATION	DECLARATION 1	1. Bank Solvency Certificate (As per NleB)
		DECLARATION 2	2. Valid Document in support of annual turnover (As per NleB)
		DECLARATION 3	3. Corrigendum and additional document (if any).

**Note:-** Failure of submission of any of the above mentioned documents (as stated in A1 & A2) will render the Bid liable to summarily rejected for both statutory & non statutory cover. All Corrigendum & Addendum Notices, if any, have to be digitally signed & uploaded by the contractor in the Declaration Folder of My Documents.

### ***B. Bid Evaluation***

i. Opening and evaluation of Bid: - If any Bidder is exempted from payment of EMD, copy of relevant Government order needs to be furnished (applicable in case of Registered Labour Co-Operative Society).

ii. Opening of Technical proposal: - Technical proposals will be opened by the Bid Inviting Authority electronically from the website using his/ her Digital Signature Certificate.

iii. Cover (folder) of statutory documents (vide Cl. No. 5.A-1) should be opened first and if found in order, cover (Folder) for non-statutory documents (vide Cl. No. – 5.A-2) will



be opened. If there is any deficiency in the statutory documents the Bid will summarily be rejected.

iv. Decrypted (transformed in to readable formats) documents of the non-statutory cover will be downloaded and handed over to the Bid Evolution Committee. Scrutiny of technical proposal and recommendation thereafter and processing of comparative statement for acceptance etc. will be made by the Municipal Engineering Directorate, under the Department of Municipal Affairs, Govt. of West Bengal. Comparative Statement may be forwarded to appropriate authority as applicable as per existing norms and guidelines under AMRUT programme.

v. Uploading of summary list of technically qualified bidders.

vi. Pursuant to scrutiny and decision of the screening committee the summary list of eligible Bidder and for which their proposal will be considered and uploaded in the web portals.

vii. While evaluation, the committee may summon the bidders and seek clarification / information or additional documents or original hard copy of any of the documents already submitted and if these are not produced within the stipulated time frame, their proposals will be liable for rejection.

### ***C. Financial proposal***

As per Sl. 11, Bid Price / Price Schedule. To be uploaded digitally signed by the Bidder.

6. Financial capacity of a Bidder will be judged on the basis of working capital and available bid capacity as mentioned in the NleB to be derived from the information furnished in FORM-I and II (Section-B) i.e., Application (for Pre-qualification) and Financial Statement. If an applicant feels that his / their Working Capital beyond own resource may be insufficient, he/they may include with the application a letter of guarantee issued by a first class Bank to supplement the applicant. This letter of guarantee should be addressed to the Bid Inviting/ Accepting Authority and should guarantee duly specifying the name of the project that in case of contract is awarded to the Bidder, the Bidder will be provided with a revolving line of credit Such revolving line of credit should be maintained until the works are taken over by the Authority.

The audited Balance sheet for the last five years, net worth bid capacity etc. are to be submitted which must demonstrate the soundness of Bidder financial position,

showing long term profitability including an estimated financial projection of the next two years.

#### **7. Penalty for suppression / distortion of facts**

Submission of false document by Bidder is strictly prohibited and in case of such act by the Bidder the same may be referred to the appropriate authority for prosecution as per relevant IT Act with forfeiture of earnest money forthwith.

#### **8. REJECTION OF BID**

The Employer (Bid accepting authority) reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Employer's (Bid accepting authority) action.

The Bidder who's Bid has been accepted will be notified by the Bid Inviting and Accepting Authority through acceptance letter/ Letter of Acceptance. The Letter of Acceptance will constitute the formation of the Contract.

The Agreement in Printed Bid Form will incorporate all necessary documents e.g. NleB. All addenda-corrigendum, different filled-up forms (Section –B), Price Schedule and the same will be executed between the Bid Accepting Authority and the successful Bidder.

**The Executive Officer,  
Burdwan Municipality**

**SECTION – B FORM –I**  
**PRE-QUALIFICATION APPLICATION**

**To**

The Chairperson / Administrator,  
Burdwan Municipality,  
**PO:-Burdwan , Dist:-Burdwan ,**  
**West Bengal,**

Ref: - Bid for \_\_\_\_\_  
\_\_\_\_\_ (Name of work)  
\_\_\_\_\_ **NleB No.:**

Dear Sir,

Having examined the Statutory, Non statutory and NleB documents, I /we hereby submit all the necessary information and relevant documents for evaluation. The application is made by me / we on behalf of \_\_\_\_\_ In the capacity \_\_\_\_\_ duly authorized to submit the order.

The necessary evidence admissible by law in respect of authority assigned to us on behalf of the group of firms for Application and for completion of the contract documents is attached herewith.

We are interested in bidding for the work(s) given in Enclosure to this letter. We understand that:

- (a) Bid Inviting and Accepting Authority can amend the scope and value of the contract bid under this project.
- (b) Bid Inviting and Accepting Authority reserves the right to reject any application without assigning any reason.

**Enclosures:- e-Filling:-**

- 1. Statutory Documents
- 2. Non Statutory Documents

Date: -

**Signature of applicant including title**  
and capacity in which application is made.

**SECTION – B FORM - II**  
**FINANCIAL STATEMENT**

Name of Applicant:

Summary of assets and liabilities on the basis of the audited financial statement of the last five financial years.

(Attach copies of the audited financial statement of the last five financial years)

	1st Year (Rs. In lakh)	2nd Year (Rs. In lakh)	3rd Year (Rs. In lakh)	4th Year (Rs. In lakh)	5th Year (Rs. In lakh)
a) Current Assets : (It should not include investment in any other firm)					
b) Current liabilities : (It should include bank over draft)					
c) Working capital : (a) – (b)					
d) Net worth : (Proprietors Capital or Partners Capital or Paid up Capital + Reserve and surplus )					
e) Bank loan/ Guarantee : (As per clause G.2. with all sub clauses)					

Work in hand i.e. Work order issued	<b>B.3 Annual value of construction works undertaken :</b>					
	As on 31.03.20	As on 31.03.19	As on 31.03.18	As on 31.03.17	As on 31.03.16	As on 31.3.15

Signed by an authorized officer of the firm

Title of the officer \_\_\_\_\_

Name of the Firm with Seal \_\_\_\_\_

Date \_\_\_\_\_

**Declaration of the Bidder**

(Affidavit to be affirmed on a Non Judicial Stamp Paper of Rs. 10/- and enclosed with the Bid documents which is required to be submitted in time duly)

I, ....., son of  
....., aged about  
..... years by occupation..... do

hereby solemnly affirm and confirm as follow:

1. That, I am the ..... of  
..... have duly authorized by and competent to affirm this affidavit on behalf of the said Bidder.

2. That, I have inspected the site of work covered under NleB (NleB No ) circulated through Office memo bearing No -----dated -----and has made myself fully acquainted with the site conditions existing level/proposed level and local conditions in and around the site of work. I have also carefully and meticulously gone through the Bid documents. Bid of the above named Bidder is offered and submitted upon due consideration of all factors and if the same is accepted, I on and for behalf of the aforesaid Bidder, being lawfully and duly authorized, promise to abide by all the covenants, conditions and stipulations of the Contractual documents and to carry out, complete the works to the satisfaction of the Bid accepting Authority of the Work and abide by all instructions as may given by the Engineer in Charge of the work time to time. I also hereby undertake to abide by the provisions of Law including the provisions of Contract Labour (Regulation & Abolition) Act, Apprentice Act 1961, West Bengal Sales Tax Act, GST Act, Income Tax Act as would be applicable to the Contractor upon entering into formal Contract / agreement with the Bid Inviting/Accepting authority.

3. That I declare that, no relevant information as required to be furnished by the Bidder has been suppressed in the Bid documents.

4. That the statement above made by me is true to my knowledge.

Deponent

Solemnly affirmed by the said

.....

Before me. (1<sup>st</sup> class Judicial Magistrate / Notary Public)

**SECTION – B FORM- III**  
**STRUCTURE AND ORGANISATION**

Name of applicant:

Office Address:

Telephone No. and Cell Phone No. :

Fax No. :

E mail:

Attach an organization chart showing the structure of the company with names of Key personnel and technical staff with Bio-data. :

**Note:** Application covers Proprietary Firm, Partnership, Limited Company or Corporation,

**Signature of applicant including title**  
and capacity in which application is made.

**SECTION – B FORM – IV**

**C. DEPLOYMENT OF MACHINERIES (in favour of owner / lessee):**

(Original document of own possession arranged through lease deed to be annexed)

(If engaged before Certificate from E.I.C. to be annexed in respect of anticipated dated of release of Machineries.)

Name of Machine / Instrument	Make	Type	Capacity	Motor / Engine No.	Machine No.	Possession Status		Date of release If Engaged
						Idle	Engaged	

For each item of equipment the application should attach copies of

- (i) Document showing proof of full payment, (ii) Receipt of Delivery,
- (iii) Road Challan from Factory to delivery spot, is to be furnished.

**Signature of applicant including title**

and capacity in which application is made.

Successful agency shall have to make an agreement (in three copies) with the Burdwan Municipality, in the prescribed pro-forma by depositing requisite cost of each tender form stating that the agency is agreeable to execute the aforesaid work (as per the rates quoted and terms and conditions laid down in the Bid document).

**The Executive Officer,  
Burdwan Municipality**

Copy Forwarded for information and for favour of wide circulation to:

1. The Director SUDA, SUDA BHAWAN, HC Block, Sector-III, Salt Lake, Kol-106.
2. The Mission Director, AMRUT, IlgusBhavan, Kol-700106, Sec-IV
3. The Secretary, M.E.Dte., BikashBhawan, Salt Lake, Kol-91
4. The Chief Engineer, M.E.Dte., BikashBhawan, Salt Lake, Kol-91.
5. The Chief Engineer KMDA (E/M), Salt Lake Kolkata,
6. The Additional Chief Engineer (South), M.E.Dte., BikashBhawan, Salt Lake, Kol-91.
7. The Superintendent Engineer, (Western Circle), M.E.Dte., PurbaBardhaman.
8. The Administrator, Burdwan Municipality & SDO SADAR(N)
9. The Superintendent Engineer KMDA (E/M), Salt lake Kolkata
10. The Executive Engineer, M.E.Dte. Burdwan Division.
11. The Executive Engineer, KMDA (E/M), Salt lake Kolkata
12. The Finance officer, Burdwan Municipality.
13. The Office Notice Board, Burdwan Municipality for wide circulation.
14. The Guard File.

**The Executive Officer,  
Burdwan Municipality**



## SECTION- D:

### SPECIFICATION OF DIFFERENT ITEM OF WORKS TO BE EXECUTED

1. Laying of D.I. pipes (K/7) with specials & supplying ,fitting & fixing of M.S. Pipes including earth work in excavation in of adequate width as per relevant IS Code having minimum depth to keep the top surface of pipe minimum 1.00M below of the existing ground level in any kind of soil mixed with boulder, metal crust, concrete pavement, road sub-grade and its flank etc., in position and carriage of materials from departmental store to work site, filling of the trenches with excavated materials, consolidating the same in layers, removing the surplus materials from site including all labour, tools and plants etc. Surplus materials out of excavation are to be cleared by the Agency within 20 Km. Radius of the Municipal boundary at his own cost. **(Only the D.I (K/7) pipes and rubber rings will be issued departmentally. The surplus and unused materials are to be returned to store at contractor's own cost.)**
2. Cutting M.S./D.I. (all types) by chisel/Hacksaw including rendering the surface smooth to make it suitable for rubber gasket/ rubber ring etc. complete as per direction of EIC. (for old line only).
3. Chamfering the spigot end of the M.S./D.I pipes for using in Tyton joints line or otherwise by means of electric grinder set at site as per direction of E.I.C
4. Cleaning thoroughly the inner surface of pipe line including special & valves by flushing with water & subsequently disinfection of the same pipe line by flushing again with water containing bleaching powder resulting in residual chlorine not less than 10 mg / Hr. after 24 hours of such filling including laboratory testing of water sample obtained from disinfected pipe line & disposal of water from the pipe line after completion of the work. The rate is including of cost of requisite water to be arranged by the Contractor.
5. Supplying & delivery at working site CIDF sluice valve conforming to IS 14846-2000 (ISI marked), with latest amendment, including stacking and inclusive of Departmental inspection, packing charges, all taxes and duties as applicable and payable, Flanged drilled as per IS 1538-1993 with latest amendment all complete along with installation of the same as per direction of EIC. All products must have BIS certification. (Approved make: Kirlosker/IVC/L&T/VAG/M&P/Upadhyay) Class PN 1.0 with cap. (Sluice Valve to be supplied by agency)
6. Making flange joint to D.I pipes and specials and valves including dewatering of trenches, tools & plants, labour etc as per specification and instruction of E.I.C.
7. Hydraulically testing & disinfecting of different types of pipes in sections for a head of water not less than 1/2 (Half ) the pressure recommended by I.S or corresponding pipe materials whether the gauge pressure will remain static for 30 minutes by filling water including supply of necessary

equipment's such as generator sets, pumps gauges etc. All complete as per specification and instruction of E.I.C. [Water have to be arranged by the bidder himself and whole testing procedure will be accordance with as per IS : 3114 - 1965]

8. Hire and labour charges for 75 mm dia bamboo railing on Jhau / Eucalyptus or other approved timber / bamboo posts 1.4 m above GL and 0.6 m below GL including tying strongly with coir ropes and boring holes for posts in any soil/ concrete surface / Bituminous surface packing the sides etc. including cost of restoration to the damages of the ground to its original condition as per direction of EIC after removing barricade. 75 mm dia bamboo railing and 100 mm dia bamboo posts @1.4 mtr apart. railing with 3 rows.
9. Dismantling all type of masonry including cement concrete, stacking serviceable materials at site and removing rubbish as directed within a lead of 75m in ground floor including roof.
10. Cutting sub -grade of road (concrete bituminous carpeting & consolidated Ballast/brick soling & other subgrade materials by means of chisels/Hammer other equipments ( for trenches & laying of pipe line.)
11. Construction of sluice valve chamber as per drawing supplied by concerned division or standard drawing given by contractor and approved by E.I.C with brick work in cement mortar (6:1) over 15 cm. of WCC (6:3:1) with supply of approved quality (Heavy type) C.I surface box embedded in 100mm thick removable slab in (4:2:1) including fitting, fixing and overhauling and instruction of E.I.C (Valves will be supplied by Agency).
12. Installation of CI Bolted collar as per IS 13382-1992 with latest amendment or end cap up to date including all taxes & other incidental charges what so ever, carriage, loading unloading & stacking at working site.
13. Hire and labour charges for shuttering with centring and necessary staging upto 4 mtr. using approved stout props for and thick hardwood planks of approved thickness with required bracing for concrete slabs , beams and columns ,lintels curved or straight including fitting , fixing and striking out after completion of works (upto roof of g.f), as per drawing, specification & direction of E.I.C.
14. Ordinary cement concrete (mix 1:2:4)) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any in ground floor as per relevant IS Codes. a) Pakur variety. In ground floor
15. Reinforcement for all reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. including supplying of rods, initial straightening and removal of rust (if necessary), cutting to requisite length, hooking & bending to correct shape ( if necessary) placing in proper position & binding with 16 gauge black annealed wire at every intersection etc. complete

as per drawing & specification including cost of wire.

16. Ordinary cement concrete ( mix 1:1.5:3) with graded stone chips (20 mm nominal size ) excluding shuttering and reinforcement if any in ground floor as per relevant IS Codes. a) Pakur variety. In ground floor
17. Single Brick Flat Soling of Picket Jhama bricks including ramming & dressing bed to proper level & filling joints with powder earth or local sand. t) DI Specials should be approved make of Kejriwal Casting Ltd./L & T/Electro Steel Casting Ltd.
18. M.S. Pipeline through Jack pushing : Laying of 10 mm & 12mm thick MS casing Pipes of 200 mm to 700mm internal dia. of pipe as required including welding joint, lowering & Jack pushing work by the bidder. Bidders are requested details survey work to be done before quotation of Tender.

Final length are finalized as per direction and approval of EIC and approved drawing during execution of work.

**19. Jack pushing work:**

- i) Survey, Preparation of Drawing & Design of Jack pushing work, supplying, laying of MS Casing pipe and construction of Entry Pit and Exit Pit for HDD work under National Highway/ Railway at desired depth and other necessary paper correspondence as per requirement of the concerned Authority and getting the approval of the same by the competent authority for the proposed HDD work under the scope of Bidder.
- ii) Construction of a Entry Pit and Exit Pit at desired depth for each and one valve chamber for HDD as per approved drawing of the concerned authority including excavation of earthwork and filling, reinforcement, Concreting (M 25), as per specification and direction of Engineer in Charge and all complete in all respect.
- iii) Removing of rust with brushing and cleaning the external surface of 10 mm & 12mm thick MS casing Pipes of 200 mm to 700mm internal dia. of pipe as required and other as required applying one coat of approved primer over it and providing 2 coats of anti corrosive, non-toxic paint to all pipes and specials inside as per IS Specification & direction of Engineer in Charge.
- iv) Fabrication of MS Specials viz. reducer, enlarger, tees, bends, puddles, bell mouth out of 12 mm thick MS barrel / MS spirally welded pipe including cutting of the barrel/spirally welded pipe to exact size & shape including supply of 10 mm & 12 mm plate from SAIL / TISCO as per direction of Engineer in Charge.

- v) Supplying and laying of 10 mm & 12mm thick MS casing Pipes of 200 mm to 700mm internal dia. of pipe as required and other as required pipe including lowering, inserting and jointing the same MS conduit as per the level and slope as shown in the drawing and as per the direction of the Engineer in Charge and complete in all respect (Final length are finalised as per direction and approval of EIC and approved drawing during execution of work.)
- vi) Filling of steel pipes & D.I. Pipes and specials with water by contractor and testing hydraulically the same under a head of pressure as per specification including supply of water and necessary equipments such as blank flanges, gauges, pump etc. required for the testing including providing suitable end thrust block and dismantling and removal of the same after completion of the testing, fixing special type of end cap, blank flanges and removal of the same after completion of the testing, welding, jointing, gas cutting etc. as necessary including of jointing materials, disposal of water after testing etc. all complete as per specification and direction of the Engineer in Charge.
- vii) Supply, fitting & fixing different dia. CI Sluice Valve & 100 mm dia CI Air Valve as per requirement with necessary fittings and fixture including cost of 100 mm internal dia seamless steel pipe for as length not exceeding 10 M.

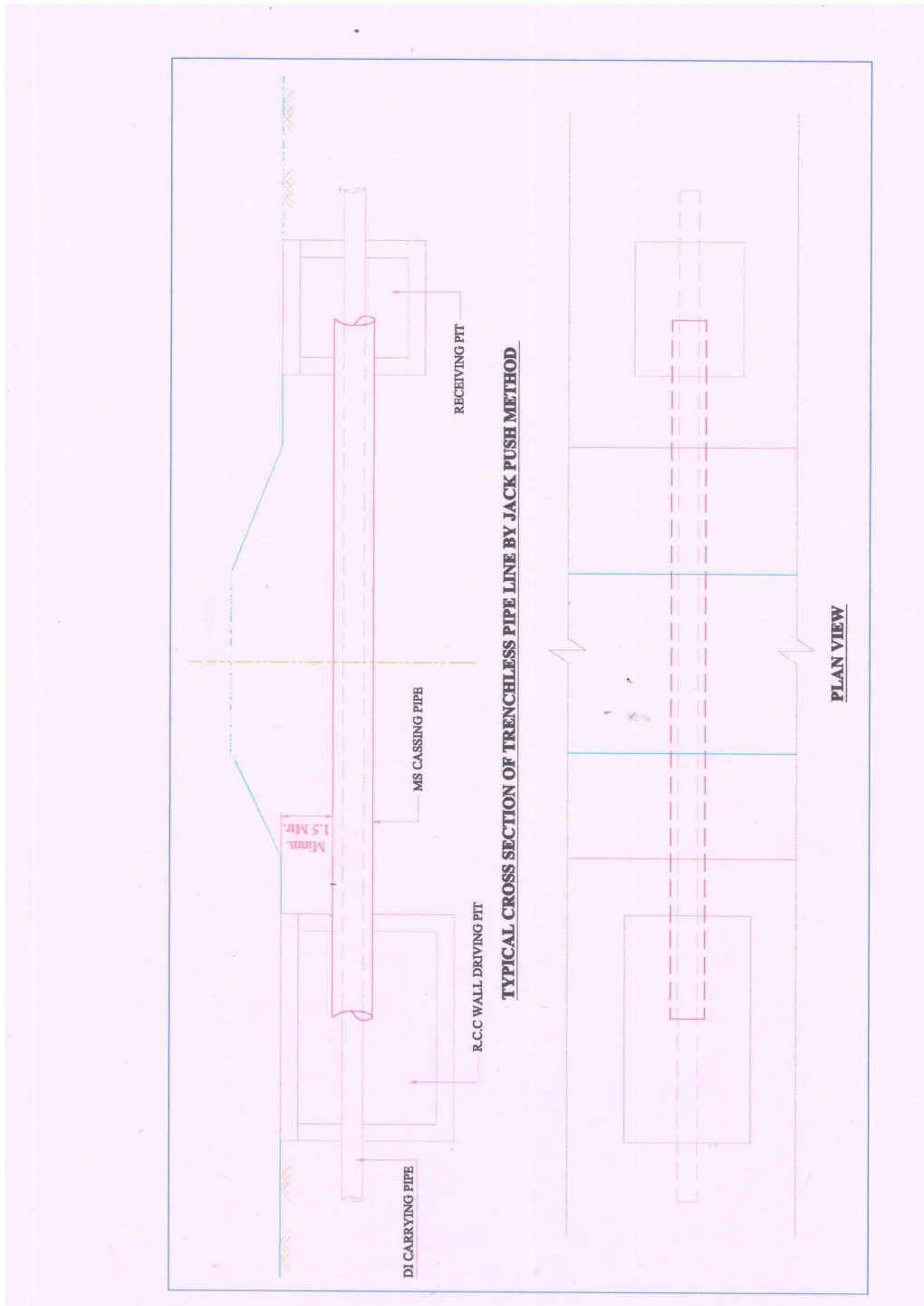
20. Restoration works of all types roads to be done as per enclosed and as per direction and satisfaction of E.I.C.

Note:- I) All works and other ancillary works are to be done as per PWD /CPWD/IS specification as applicable.

II) All works are to be done as per instruction of the Authority under whose jurisdiction the road exists if applicable.

**The Executive Officer,  
Burdwan Municipality**

## Section E: Schematic Drawing



The Executive Officer,  
Burdwan Municipality

**VENDOR LIST**

A.	CONSTRUCTION MATERIALS	LIST OF VENDORS
1	Cement -	ACC / ULTRATECH / AMBUJA / LAFARGE / L & T / GRASIM
2	Reinforcing Steel -	TATA / SAIL/RINL
3	Structural Steel -	SAIL / JINDAL / TATA
4	Plasticiser / Water Proofing Compound -	SIKA / CICO/ DR. FIX IT
5	Stone chips -	PAKUR / CHANDIL/PANCHAMI VARIETY
<b>B</b>	<b>EQUIPMENT, VALVES, PIPES &amp; FITTINGS, INSTRUMENTATIONS</b>	
1	M.S Pipes	SAIL / TATA/JINDAL
2	D.I.D.F. Pipe and Fittings -	ELECTRO STEEL CASTING LTD./ KEJRIWAL CASTING / KISWOK
3	DI SPECIALS -	ELECTRO STEEL CASTING LTD./ KEJRIWAL CASTING / KISWOK
4	C.I./Mechanical joints -	KEJRIWAL/ UPADHYAY / ELEGANT /
5	Sluice Valve and Non Return Valve -	IVC/ KIRLOSKAR / L & T (AUDCO) /VAG/ MCWANE KINNEDY UPADHYAY
6	Butterfly Valve -	CRAWLEY & RAY / FOURESS /IVC CAL/L&T (AUDCO) / KIRLOSKAR / KSB/ UPADHYAY
7	Ball Valve -	L&T/BDK / UPADHYAY
8	Sluice (gate) valve, non return valve -	KIRLOSKAR / IVC / AUDCO / KSB / UPADHYAY
9	Pressure Gauge -	BELLS / H.GURU / FEBIG / WIKA/ CAPSTAN

**Note:**

- 1) Acceptance of the Department is mandatory to finalize the make of materials and equipment prior to ordering by the successful tenderer. Engineer-in-Charge / Superintending Engineer, / Technical Committee, M.E.Dte. may include or omit any vendor in the vendor list in concurrence with the report of quality assurance agency engaged by the department subsequently.
- 2) The successful bidders shall have to furnish list of vendors to the department from the above list for approval. Acceptance of the department is mandatory to finalize the make of the equipment, prior to ordering by the successful bidder. No other equivalent make other than mentioned above will be accepted
- 3) Any other materials required for the work but not mentioned in the above list, shall be procured from approved list of vendors of ME Dte. Acceptance of the department is mandatory to finalize the make of the materials/ equipment, prior to ordering by the successful bidder.

**The Executive Officer,  
Burdwan Municipality**