



अयोध्या विकास प्राधिकरण

AYODHYA DEVELOPMENT AUTHORITY



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Request for Proposal (RFP)

for the Selection of an Agency for SITC of RCC Hume pipe at Sandhya Sarover civil line Ayodhya.

Issued by:

AYODHYA DEVELOPMENT AUTHORITY


Civil Lines, Kosi Parikrama Road,
Ayodhya, Uttar Pradesh-224001

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1. DATA SHEET

1	Name of the Project	RFP for SITC of Hume pipe at Sandhya Sarover civil line Ram path, Ayodhya.
2	Duration of the Assignment	The duration of completion of Project is (3) months. The VC, ADA reserves the right to terminate the tender process at any stage before the award of work, without any prior notice and cause at their sole discretion.
3	Estimated Cost	INR21,81,954/- excluding GST.
4	Bid Processing Fee	Non-refundable fee of INR5900 /- including GST. The payments shall be made through given link/portal https://emdada.ayodhyada.in/loginWithotp
5	Earnest Money Deposit (EMD)	EMD shall be INR 65459/- The payments to be made through https://emdada.ayodhyada.in/loginWithotp (Online mode) in favor of Secretary A.D.A. Validity: EMD shall be valid for a period of 180 days from Proposal Due Date.
6	Bank Guarantee	5% of tendered cost in the form of Bank Guarantee from any Nationalized/Scheduled Bank which shall remain valid up to defect liability period.
7	Name of the Authority's official for addressing queries and clarifications	Secretary, Ayodhya Development Authority Ayodhya, Uttar Pradesh-224001 Telephone: +91-7355541575 E-mail: vcafda@gmail.com
8	Account details	ICICI Bank, Branch – Niyawan, Faizabad Beneficiary Name: Sachiv Ayodhya Vikas Pradhikaran Account Number: 029005501009 IFSC code: ICIC0000290
9	Bid Validity Period	20 days from Proposal Due Date
10	Proposal Language	English
11	Proposal Currency	INR ₹
12	Consortium / JV to be allowed	Not Allowed
13	Date & Timeline	As per N.I.T.


 आलोक कुमार सिंह
 अधिशासी अभियन्ता
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 अयोध्या

Note:

- a) Bidders (authorized signatory) shall submit their offer Online only (both for technical and financial proposal) at e-tendering portal of <https://etender.up.nic.in> in electronic format with Digital Signature.
- b) For Pre-Bid queries, bidders shall also send their queries in the given format via email.

Sr. No.	Clause No.	Page No.	Content of RFP Requiring Clarification	Change Requested/ Clarification Required
1				
2				

The bidders shall send their queries in pdf as well as editable format (excel/word document).

No Clarification will be sought in case of non-submission of Cost of tender document or EMD of requisite amount. In such cases the bid shall be rejected out rightly without seeking any further clarification/document.

2. INSTRUCTIONS TO APPLICANTS

General instructions

1. Number of Proposals and respondents
2. No Applicant shall submit more than one (1) Proposal, in response to this RFP.
3. Partnership/Proprietorship/Companies can participate in the bid.
4. Joint venture/Consortium is not allowed
5. The RFP is non-transferable, and Proposals shall be submitted only by the respective Bidders to whom the RFP has been issued by Authority.

Proposal preparation cost

1. The Bidders shall bear all costs associated with the preparation and submission of the Proposal. Authority will not be responsible and liable for any costs, regardless of the conduct or outcome of the Proposal/process.
2. Bidders are encouraged to submit their respective Proposals after visiting the office of the Client and ascertaining for themselves the availability of documents and other data with the Client, Applicable Laws and regulations or any other matter considered relevant by them.
3. All papers submitted with the Proposal are neither returnable nor claimable.

3.3 Right to accept and reject any or all the Proposals

1. Notwithstanding anything contained in this RFP, Authority reserves the right to accept or reject any Proposal and to annul the bidding process and reject all the Proposals, at any time without any liability or any obligation for such acceptance, rejection or annulment, without assigning any reason.
2. Authority reserves the right to reject any Proposal if:
 - i. At any time, a material misrepresentation is made or discovered, or
 - ii. The Bidder/s do/does not respond promptly and diligently to requests for supplemental information required for the evaluation of Proposals, or
 - iii. The Bidder does not adhere to the formats provided in the Annexure A to the RFP while furnishing the required information/details.

3.4 Clarifications

1. Bidders are encouraged to inform themselves fully about the assignment and the local conditions before submitting the Proposal by paying a visit to the Authority and the Project site, sending written queries to the Authority, and attending a Pre-Proposal Conference.
2. The Client shall endeavor to respond to the queries within the period specified therein but no later than 3 (three) days prior to the Proposal Due Date. The Client will post the reply to all such queries on the Official Website.

3. The Client reserves the right not to respond to any queries or provide any clarifications, in its sole discretion, and nothing in this shall be construed as obliging the Client to respond to any question or to provide any clarification.

3.5 Amendment of the RFP

1. At any time prior to the Proposal Due Date (PDD), the Authority, for any reason, whether at its own initiative or in response to a clarification requested by eligible Bidder/s, may modify the RFP by issuance of an addendum. Such amendments shall be uploaded on the e-procurement website <http://etender.up.nic.in> and Authority web site at Welcome to Ayodhya Development Authority (adaAyodhya.org.in) through a corrigendum and this shall form an integral part of the e-bid/Proposal document. The relevant clauses of the e-bid/Proposal document shall be treated as amended accordingly. It shall be the sole responsibility of the prospective Bidder to check the above-mentioned websites from time to time for any amendment in the RFP document/s. The Authority shall not be responsible for failure to get/download the amendments.
2. In order to provide the Bidders a reasonable time to examine the addendum, or for any other reason, Authority may, at its own discretion, extend the PDD Data identification and collection
3. It is desirable that the Bidders submit their Proposal/s after verifying the availability of the data, information and/or any other matter considered relevant.
4. It would be deemed that by submitting the Proposal, the Bidder has:
 - i. Made a complete and careful examination and accepted the RFP in totality.
 - ii. Received all relevant information requested from Authority and:
 - iii. Made a complete and careful examination of the various aspects of the indicative Scope of Work.
5. Authority shall not be liable for any mistake or error on the part of the Bidder in respect of the above. Preparation, submission, opening & acceptance of Proposals/e-bids

2.2.1 Language and currency

1. The Proposal and all related correspondence and documents should be written in the English/Hindi language. Supporting documents and printed literature furnished by the Bidders with the Proposal may be in any other language provided that they are accompanied by appropriate translations of the pertinent passages in the English/Hindi language. Supporting materials, which are not translated into English/Hindi, may not be considered for evaluation. For the purpose of interpretation and evaluation of the Proposal, the English/Hindi language translation shall prevail.
2. The currency for the purpose of the Proposal shall be the Indian National Rupee (INR).

2.2.2 Proposal validity period and extension

1. Proposals shall remain valid for a period of as mentioned in the data sheet from the Proposal Due Date ("Proposal Validity Period") and Authority may solicit the Bidder's

consent for extension of the period of validity, if required. Authority reserves the right to reject any Proposal, which does not meet this requirement.

2. In exceptional circumstances, prior to expiry of the original Proposal Validity Period, Authority may request Bidders to extend the validity period for specified additional period. Bidders, who may not extend the validity period, will deem to have withdrawn their Proposal at the expiry of validity period.

2.2.3 Format and signing of Proposals

1. The Bidders shall prepare electronic copies of the technical and financial e-bid/Proposals separately.
2. Bidders should provide all the information as per the RFP and in the specified formats. Authority reserves the right to reject any Proposal that is not in the specified formats.
3. In case the Bidders intends to provide additional information for which specified space in the given format is not sufficient, it can be furnished in duly stamped and signed PDFs.

2.2.4 Submission of e-bid/Proposal

1. The bid submission module of e-procurement website <http://etender.up.nic.in> enables the Bidders to submit the Proposal online in response to this RFP published by the Authority. Submission can be done till the Proposal Due Date specified in the RFP. Bidders should start the process well in advance so that they can submit their Proposal in time. The Bidder should submit their Proposal considering the server time displayed in the e-procurement website. This server time is the time by which the submission activity will be allowed on the Proposal Due Date indicated in the RFP schedule. Once the submission date and time has passed, the Bidders cannot submit their Proposals. For delay in submission of Proposal due to any reasons, the Bidders shall only be held responsible.
2. The Bidders have to follow the following instructions for submission:
 - i. For participating through the e-tendering system, it is necessary for the Bidders to be registered users of the e-procurement website <http://etender.up.nic.in>. The Bidders must obtain a user login ID and password by registering themselves with U.P. Electronics Corporation Ltd. (UPLC), Lucknow if they have not done so previously.
 - ii. In addition to the normal registration, the Bidder has to register with his/her Digital Signature Certificate (DSC) in the e-tendering system and subsequently he/she will be allowed to carry out his/her e-bid/Proposal submission activities. Registering the DSC is a one-time activity. Before proceeding to register his/her DSC, the Bidder should first log on to the e-tendering system using the user login option on the home page with the login ID and password with which he/she has registered.
 - iii. For successful registration of DSC on e-procurement website <http://etender.up.nic.in> the Bidder must ensure that he/she should possess class-2/class-3 DSC issued by any

Certifying Authorities approved by Controller of Certifying Authorities, Government of India, as the e-procurement website <http://etender.up.nic.in> is presently accepting DSC issued by these authorities only. The Bidder can obtain user login ID and perform DSC registration exercise above even before e-bid/Proposal submission date starts. The Authority shall not be held responsible if the Bidder fails to submit his/her e-bid/Proposal before the Proposal Due Date due to DSC registration problem.

- iv. The Bidder can search for active tenders through "search active tenders" link, select a tender in which he/she is interested in and then move it to 'My Tenders' folder using the options available in the e- bid submission menu. After selecting the tender, for which the Bidder intends to e-bid/Proposal, from "My tenders" folder, the Bidder can place his/her e-bid/Proposal by clicking "pay Online" option available at the end of the view tender details form. Before this, the Bidder should download the RFP document including financial format and study them carefully. The Bidder should keep all the documents ready as per the requirements of RFP document in the PDF format.
- v. After clicking the 'pay online option, the Bidder will be redirected to terms and conditions page. The Bidder should read the terms & condition before proceeding to fill in the Bid Processing Fee Online payment details. After entering and saving the Bid Processing Fee details form so that "Bid document preparation and submission" window appears to upload the documents as per technical and financial schedules/packets given in the tender details. The details of Amount paid should tally with the details available in the scanned copy and the date entered during e-bid/Proposal submission time otherwise the e-bid/Proposal submitted will not be accepted.
- vi. Before uploading, the Bidder has to select the relevant DSC. He may be prompted to enter the DSC password, if necessary. For uploading, the Bidder should click "browse" button against each document label in technical and financial schedules/packets and then upload the relevant PDF files already prepared and stored in the Bidder's computer.
- vii. The Bidder should click "Encrypt" next for successfully encrypting and uploading of required documents. During the above process, the e-bid/Proposal documents are digitally signed using the DSC of the Bidder and then the documents are encrypted/locked electronically with the DSCs of the bid openers to ensure that the e-bid/Proposal documents are protected, stored and opened by concerned bid openers only.
- viii. After successful submission of e-bid/Proposal document, a page giving the summary of e-bid submission will be displayed confirming end of e-bid/Proposal submission process. The Bidder can take a printout of the bid summary using the "print" option available in the window as an acknowledgement for future reference.
- ix. Authority reserves the right to cancel any or all e-bids/Proposals without assigning any reason.

2.2.5 Deadline for submission

1. E-bid/Proposal (technical and financial) must be submitted by the Bidder at e-procurement website <http://etender.up.nic> no later than the time specified on the Proposal Due Date. The Authority may, at its discretion, extend this deadline for submission of Proposal by amending the RFP document, in which case all rights and obligations of the Authority and Bidders previously subject to the deadline will thereafter be subject to the deadline, as extended.

2.2.6 Late submission

1. The server time indicated in the bid management window on the e-procurement website <http://etender.up.nic.in> will be the time by which the e-bid/Proposal submission activity will be allowed till the permissible date and time scheduled in the e-tender. Once the e-bid/Proposal submission date and time is over, the Bidder cannot submit his/her e-bid/Proposal. Bidder has to start the bid submission well in advance so that the submission process passes off smoothly. The Bidder will only be held responsible if his/her e-bid/Proposal is not submitted in time due to any of his/her problems/faults, for whatsoever reason, during the e-bid/Proposal submission process.

2.2.7 Withdrawal and resubmission of Proposal

- a. At any point of time, a Bidder can withdraw his/her Proposal submitted online before the Proposal Due Date. For withdrawing, the Bidder should first log in using his/her login ID and password and subsequently by his/her DSC on the e-procurement website <http://etender.up.nic.in>. The Bidder should then select "My bids" option in the bid submission menu. The page listing all the bids submitted by the Bidder will be displayed. Click "View" to see the details of the bid to be withdrawn. After selecting the "bid withdrawal" option, the Bidder has to click "Yes" to the message- "Do you want to withdraw this bid?" displayed in the bid information window for the selected bid. The Bidder also has to enter the bid withdrawing reasons and upload the letter giving the reasons for withdrawing before clicking the "Submit" button. The Bidder has to confirm again by pressing "OK" button before finally withdrawing his/her selected e-bid/Proposal.
- b. No e-bid/Proposal may be withdrawn in the interval between the Proposal Due Date and the Proposal Validity Period. Withdrawal of an e-bid/Proposal during this interval may result in the Bidder's forfeited of his/her e-bid/Proposal security.
- c. The Bidder can re-submit his/her e-bid/Proposal as when required till the e-bid submission end date and time. The e-bid/Proposal submitted earlier will be replaced by the new one. The payment made by the Bidder earlier will be used for revised e-bid and the new e-bid submission summary generated after the successful submission of the revised e-bid will be considered for evaluation purposes. For resubmission, the Bidder should first log in using his/her login Id and password and subsequently by his/her digital signature certificate on the e-procurement website <http://etender.up.nic.in>. The Bidder should then select "My bids" option in the bid submission menu.
- d. The page listing all the bids submitted by the Bidder will be displayed. Click "View" to see the detail of the e-bid to be resubmitted. After selecting the "bid resubmission" option, click "Encrypt & upload" to upload the revised e-bids documents.

- e. The Bidder can submit their revised e-bids/Proposals as many times as possible by uploading their e-bid documents within the scheduled date & time for submission of e-bids/Proposals.
- f. No e-bid can be resubmitted subsequently after the deadline for submission of e-bids.

2.2.8 Verification and Disqualification

1. The Authority reserves the right to verify all statements, information and documents submitted by the Bidder in response to the RFP or the Bidding Documents and the Bidder shall, when so required by the Authority, make available all such information, evidence and documents as may be necessary for such verification. Any such verification, or lack of such verification, by the Authority shall not relieve the Bidder of its obligations or liabilities hereunder nor will it affect any rights of the Authority thereunder.
2. The Authority reserves the right to reject any Bid and appropriate the Bid Security if:
 1. At any time, a material misrepresentation is made or uncovered, or
 2. The Bidder does not provide, within the time specified by the Authority, the supplemental information sought by the Authority for evaluation of the Bid.
3. Such misrepresentation/ improper response shall lead to the disqualification of the Bidder. If the Bidder is a Consortium, then the entire Consortium and each Member may be disqualified / rejected. If such disqualification / rejection occurs after the Bids have been opened and the Highest Bidder gets disqualified/ rejected, then the Authority reserves the right to:
 - a. Take any such measure as may be deemed fit in the sole discretion of the Authority, including annulment of the Bidding Process.
 - b. Bidders are hereby informed that any technical bids containing financial bid information will be summarily rejected. Bidders are strictly instructed to ensure that financial bid details are not included in the technical proposal submission.

2.2.9 Selection of the Bidder

- i. From the time the Proposals are opened to the time the contract is awarded, if any Bidder wishes to contact the Authority, on any matter related to their Proposal it should do so in writing. Any effort by the Bidders to influence any officer or bearer of the Authority in the Proposal evaluation or contract award decisions may result in the rejection of the Bidder's Proposal.

2.2.10 Proposal opening

1. After the technical evaluation, the Authority shall prepare a list of prequalified Bidders in terms of Section 4 for opening of their financial bid. A date and time will be notified to all Bidders for announcing the result of evaluation and opening of Financial Bid. Before opening of the Financial Bid, the list of pre-qualified Bidders along with their

technical scores will be read out. The Authority will not entertain any query or clarification from Bidder who fail to qualify at any stage of the selection process.

2. Bidders are advised that selection shall be entirely at the discretion of the Authority. Bidders shall be deemed to have understood and agreed that the Authority shall not be required to provide any explanation or justification in respect of any aspect of the selection process.
3. Any information contained in the Proposal shall not in any way be construed as binding on the Authority, its agents, successors or assigns, but shall be binding against the Bidder if the service is subsequently awarded to it.

2.2.11 Confidentiality

1. Information relating to the examination, clarification, evaluation and recommendation for the short-listed Bidder/s shall not be disclosed to any person not officially concerned with the process.
2. After opening of the Proposals, no information relating to the examination, clarification, evaluation and comparison of Proposals and recommendations concerning the award of contract shall be disclosed to Bidders or their representatives, if any. Any effort by a Bidder to exert undue or unfair influence in the process of examination, clarification, evaluation and comparison of Proposal/s shall result in outright rejection of the offer, made by the said Bidder.

2.2.12 Tests of responsiveness

1. Prior to evaluation of the Proposals, Authority will determine whether each Proposal is responsive to the requirements of the RFP. The Proposals shall be considered responsive if:
 - i. It is received or deemed to be received by the due date and time including any extension thereof pursuant to the Data Sheet.
 - ii. It contains all information as desired in this RFP.
 - iii. Information is provided as per the formats specified in the RFP.
 - iv. Bids are accompanied with Bid Processing Fee (non-refundable) and EMD as specified in the Date Sheet of this RFP.
 - v. Power of Attorney for Lead Member of Consortium, if applicable
2. Authority reserves the right to reject any Proposal which is non-responsive and no request for alteration, modification, substitution or withdrawal shall be entertained by Authority in respect of such Proposal.

2.2.13 Clarifications sought by Authority

1. To assist in the process of evaluation of Proposals, Authority may, at its sole discretion, ask any Bidder for clarification on its Proposal. The request for clarification and the response shall be in writing. No change in the substance of the Proposal would be permitted by way of such clarifications.

2.2.14 Proposal evaluation

1. Submissions from Bidders would first be checked for responsiveness as set out in Clause 2.2.12. All Proposals found to be substantially responsive shall be evaluated as per the Eligibility Criteria set out in Clause 4.1 of this RFP.

2. The Proposal containing the Technical Details in Clause 4.3 of the Bidder/s who do not meet the Technical Criteria shall not be considered for further process.

2.2.15 Earnest Money Deposit

- a) The bid document must be accompanied by an Earnest Money Deposit (EMD) as specified in the Data Sheet of this RFP.
- b) Any e-Bid not secured with the required EMD shall be considered non-responsive and will be rejected by the Authority.
- c) The EMD of unsuccessful bidders will be refunded promptly after the opening of the Price Bid.
- d) For the successful bidder, the EMD will be returned only after submission of the Security Deposit and the signing of the contract.
- e) The EMD may be forfeited under the following circumstances:
 - a) If the bidder:
 - Withdraws its bid during the validity period.
 - Fails to accept corrections of errors identified during bid evaluation.
 - Modifies the quoted price during the bid validity period.
 - b) If the successful bidder fails to sign the contract with the Authority within the stipulated time.

2.2.16 Award Criteria

1. The contract will be awarded to the L1 bidder (lowest bidder) as per the evaluation criteria outlined in this RFP.
2. The Authority will award the contract to the successful Bidder whose bid has been determined to be responsive to all the conditions of the contract and meeting the eligibility requirement of the bidding document.

2.2.17 Notification of Award

1. Prior to the expiration of the period of e-Bid validity, the Authority will notify the successful Bidder in writing, by letter/e-mail/fax, that its e-Bid has been accepted.
2. The notification of award will constitute the formation of the contract.

2.2.18 Performance Security

1. Before the contract is awarded, the successful bidder must submit a Security Deposit equivalent to 5% of the tendered cost in the form of a Bank Guarantee from any Scheduled or Nationalized Bank, in favor of Ayodhya Development Authority (ADA). This guarantee must remain valid for Twelve months after project completion.
2. Prior to contract execution, the selected agency must sign an agreement on a ₹100/- non-judicial stamp paper, to be procured from the Government of Uttar Pradesh, at the agency's own cost.

3. SCOPE OF WORK

1. Project Overview

This project involves the Supply loading unloading, Laying of 900mm NP3 Hume pipe Including digging and refilling, testing & commissioning. based on the contractor's own design and drawings, adhering to the architectural layout and technical specifications provided. In addition, the project also includes the construction of RCC manhole with inspection chamber, which are essential components of the integrated water drainage infrastructure.

2. Objectives

To design, excavation , laying back filling, compaction of lose soil, construct the RCC manhole, to ensure an efficient, reliable, and sustainable water drainage system in accordance with the prescribed architectural and technical specifications.

3. Scope of Work

The scope of work for the Supply loading unloading, Laying of 900mm NP3 Hume pipe Including digging and refilling, testing & commissioning. based on the contractor's own design and drawings, adhering to the architectural layout and technical specifications provided. In addition owing tasks:

1. Planning and Designing

- Conduct a detailed survey and site assessment to determine the optimal layout and capacity.
- Prepare detailed engineering drawings, designs, and specifications adhering to national and international standards.
- Incorporate sustainable and energy-efficient technologies for wastewater treatment.

2. Construction and Installation

- Site preparation, including cleaning of Jungle, leveling, and survey work.
- Supply loading unloading and laying of NP3 Hume pipe , including digging , backfilling , and compaction of loose soil Supply And laying of GSB with compaction.
- Installation of necessary mechanical, electrical, and instrumentation equipment.
- Provision for sludge management and disposal in compliance with environmental standards.
- Construction of approach roads, fencing, drainage systems, and other related civil works.

3. Testing and Commissioning

- Conduct comprehensive testing of all installed pipes and systems to ensure optimam performance.
- Performance validation and quality assurance tests as per industry standards.
- Obtain necessary approvals and certifications from local authorities.

4. Environmental and Safety Compliance

- Adherence to environmental regulations and standards for wastewater discharge.
- Implementation of safety protocols and hazard management plans.
- Conducting Environmental Impact Assessments (EIA) and Social Impact Assessments (SIA) as required.

***Conditions

i. Approved Equipment Make:

- All materials to be used in the project must be from manufacturers approved by the Uttar Pradesh Public Works Department (UP PWD). The contractor must ensure that only UP PWD-approved makes and models are proposed and installed.

ii. Submission of Test Certificates:

- The bidder shall submit test certificates and quality assurance documents for all equipment and materials to be procured and used in the project. These certificates must demonstrate compliance with the relevant standards and specifications as prescribed in the RFP.

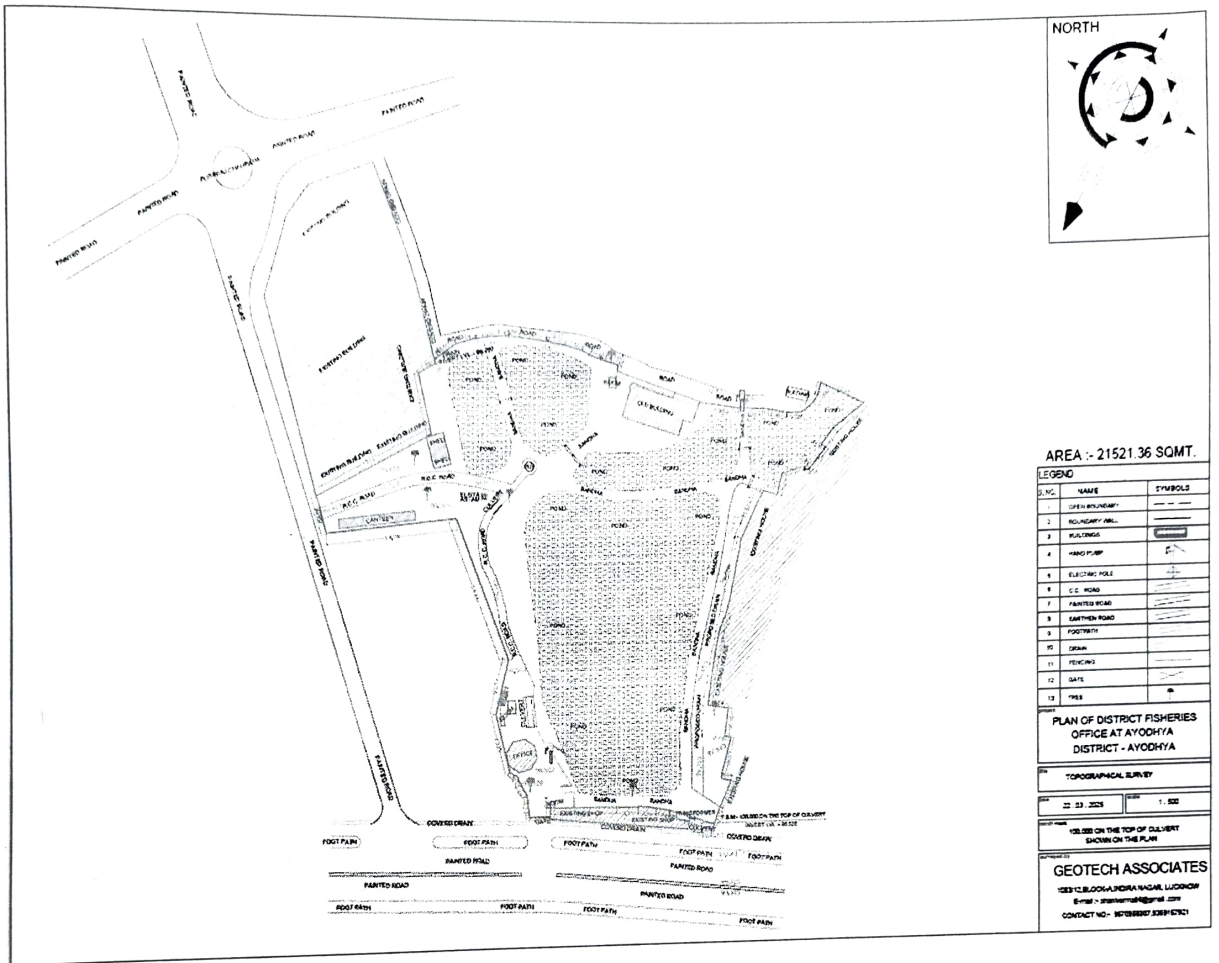
iii. Submission of Equipment Make List:

- Prior to purchasing any equipment or material, the bidder must submit a detailed Make List for approval by the competent authority. The list should include:
Manufacturer's name and address
Model number and specifications
Relevant certifications and standards compliance
- Purchase and installation of pipes shall commence only after obtaining written approval of the submitted make list.

iv. Inspection and Verification:

- The procuring authority reserves the right to inspect the equipment at the manufacturer's premises or on-site to verify compliance with the approved makes and models. Any deviation from the approved list will lead to rejection and may result in penalties as per contract terms.

Layout Plan-



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6. ELIGIBILITY AND EVALUATION CRITERIA

6.1 Technical Qualification

The Bidders must carefully examine the below mentioned eligibility criteria. The Bidder has to meet the below mentioned technical qualification criteria.

#	PREQUALIFICATION CRITERIA
1	The bidder may be a Company incorporated under the Companies Act, 1956/2013 or partnership or proprietor and should furnish certificate of incorporation/or partnership firm/or proprietorship firm. The bidder must be a single entity. Registration certificate should be submitted for the same.
2	Bidder must have a valid Goods and Service Tax (GST) registration in India. The bidder is required to submit a true copy of its Good and ServiceTax (GST) registration certificate along with PAN card. (Pan Card and GST)
3	Character certificate of the proprietor/ all partners/ all directors issued by DM/Competent authority.
4	The Bidder must have a minimum of 2 years of experience (2022-23 & 2023-24,2024-25) in similar works anywhere in India. The Bidder shall enclose CA certified turnover certificate with UDIN no.
5	The Bidder shall submit the proof of payment of Bid processing fees and EMD.
6	<p>The Bidder shall have minimum 2years of experience in similar works* anywhere in India At least 1 similar work with minimum 80% of the estimated cost (Successfully completed during previous 3 (three) financial years ending on 31st March 2025) OR At least 2 similar works with minimum 50% of the estimated cost (Successfully completed during previous 3 (three) financial years ending on 31st March 2025) OR At least 3 similar works with minimum 40% of the estimated cost (Successfully completed during previous 3 (three) financial years ending on 31st March 2025)</p> <p>Documentary proof (Photo manuals of similar work along with work Order and Completion Certificate from the client to be submitted.) *Similar works means work :- The bidder must have prior experience in the supply, laying, jointing, testing, and commissioning of Hume (RCC) pipes for stormwater drainage, sewerage, or irrigation systems, including associated civil works such as trench excavation, bedding preparation, backfilling, compaction, and site restoration. Note: Documentary proof, including work orders, completion certificates, and project photos, must be submitted. Experience from Joint Ventures/Consortiums will not be considered.) (Details to be submitted on Form Tech 2). * Only experience from Municipal Corporation/ ULB/ Development Authority/ Smart City/ Central & State Government PSU & Department will be considered.</p>
7	Financial Capacity: The Bidder must have a minimum average annual turnover of ₹10Lakhs as a single entity during the last three financial years (2022-23,2023-24,2024-25) from India operations. The Bidder shall enclose with its Application, certificate(s) from its Statutory Auditors stating its total revenues. The Statutory auditor also needs to certify that the Bidder has positive Net worth in three (3) consecutive financial years from the Proposal Due date of bid. (Details to be submitted on Form Tech 3)
8	The Bidder must have a positive net worth for the last three consecutive financial years. This must be certified by a statutory auditor, confirming no financial losses. Duly attested certificate from the statutory auditor/ chartered accountant has to be provided certifying Organizations profits during last three financial years.
9	The Bidder must not have been blacklisted, debarred, or terminated by any Central/State Government, Statutory Authority, Public Sector Undertaking (PSU), or Urban Local Body (ULB) as of the bid submission date. A declaration must be submitted on a ₹100 Non-Judicial Stamp Paper.

The bidder who meets the technical evaluation criteria will be considered for financial evaluation

6.2 Financial Evaluation

Only bidders who meet the technical eligibility criteria will proceed to the financial evaluation stage. The selection will follow the L1 procedure as outlined in this RFP.

- The total quoted cost in the Financial Bid format will be considered for evaluation.
- The bidder with the lowest quoted price (L-1) will be ranked first, followed by the second-lowest (L-2), third-lowest (L-3), and so on.
- The contract will be awarded to the L1 bidder based on the lowest total cost.

Important Note:

The Financial Bid must not be submitted along with technical documents. It should be uploaded separately in the Excel format provided in the Financial Proposal section on the e-tender website.

6.3 Award of Contract

- i. Upon successful completion of negotiations and discussions, the Authority shall issue a Letter of Intent (LoI) to the selected bidder.
- ii. The awarded bidder must commence the assignment on the specified date and at the designated location as mentioned in the contract documents or official notification.

6.4 PAYMENT TERMS AND SCHEDULE

- 6.4.1 Payment will be processed after the successful supply and installation at the site, based on joint measurements conducted on an item-rate basis.
- 6.4.2 No advance payment shall be provided to the agency.
- 6.4.3 The agency must implement strict quality control measures, and the authority reserves the right to inspect and verify materials during the execution of work.

7. GENERAL CONDITIONS OF CONTRACT (GCC)

7.1 General Provisions

1.1 Definitions

Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- a) "Agency/Bidder/Contractor" means any private or public entity that will provide the Services to the Client ("the Client") under the Contract.
- b) "Client" means the Authority with which the Agency signs the Contract for the Services i.e.
Ayodhya Development Authority
- c) "Contract" means and includes Tender Invitation, Instructions to Tenderers, Tender, Acceptance of Tender, General Conditions of Contract, Special Conditions of Contract, schedule of Requirements, Technical Specification and Annexure particulars and the other conditions specified in the acceptance of tender, and amendments.
- d) "Equipment" means the goods in the contract, which the AGENCY has agreed to supply under the contract;
- e) "Test" means such test as is prescribed by the particulars or considered necessary by the ADA whether performed or made by the Inspecting Officer or any Agency acting under the direction of ADA.
- f) "Party" means the Client or the Agency, as the case may be, and "Parties" means both
- g) "Personnel" means professionals and support staff provided by the Agency assigned to perform the Services or any part thereof
- h) "Services" means the work to be performed by the Agency pursuant to the Contract.

1.2 Law Governing Contract

This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Law.

1.3 Language

This Contract has been executed in English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

1.4 Notices

- 1. Any notice, request or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed.
- 2. A Party may change its address for notice hereunder by giving the other Party notice in writing of such change to the address.

1.5 Authorized Representatives

Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the Client or the Agency may be taken or executed by the officials specified in the Contract.

1.8 Labor Law

All rules & regulations, PF Rules and Minimum Wages Act shall be applicable for this Contract. Minimum Wages as per Govt. Of India shall be applicable.

1.9 Taxes and Duties

- The Agency shall bear and pay all taxes, duties, levies and charges assessed on the Agency, its Subcontractors or their employees by all municipal, state or national government authorities in connection with the Facilities in and outside India.
- In the event of exemption or reduction of Custom Duties, Excise Duties, Sales Tax or any other cess /Levy being granted by the Government in respect of the works, the benefit of the same shall be passed on to the ADA.

1.10 Fraud and Corruption

1.10.1 Definitions: defines, for the purpose of this provision, the terms set forth below as follows:

- a) "Corrupt practice" means the offering, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the selection process or in contract execution;
- b) "Fraudulent practice" means a misrepresentation or omission of facts in order to influence a selection process or the execution of a contract;
- c) "Collusive practices" means a scheme or arrangement between two or more Applicants, with or without the knowledge of the Client, designed to establish prices at artificial, non-competitive levels;
- d) "Coercive practices" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract.

1.11 Measures to be take

The Client will cancel the contract if representatives of the Agency are engaged in corrupt, fraudulent, collusive or coercive practices during the selection process or the execution of the contract;

The Client will sanction the Agency, including declaring the Agency ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the Agency has, directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, the said contract.

1.12 Limitation of Liability

The Client (and any others for whom Services are provided) shall not recover from the Agency, in contract or tort, including indemnification obligations under this contract, under statute or otherwise, aggregate damages in excess of the fees actually paid for the Services that directly caused the loss in connection with claims arising out of this Agreement or otherwise relating to the Services.

The preceding limitation shall not apply to liability arising as a result of the Agency's fraud in performance of the services hereunder.

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1.13 Commencement, Completion, Modification and Termination of Contract

1.1 Effectiveness of Contract

This Contract shall come into effect from the date the Contract is signed by both Parties. The date the Contract comes into effect is defined as the Effective Date.

1.2 Commencement of Services

The Agency shall begin carrying out the Services not later than 15 days after the Effective Date specified in the RFP or the Contract.

1.3 Expiration of Contract

Unless terminated earlier pursuant to GC Clause 1.6 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the RFP or the Contract.

1.4 Modifications or Variations

Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties.

1.5 Force Majeure

Definition for the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party and which makes a Party's performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

1.6 No Breach of Contract

The failure of a Party to fulfil any of its obligations under the Contract shall not be considered to be a breach of, or default, under this Contract insofar as such inability arises from an event of Force

Majeure, provided that the Party affected by such an event

(a) has taken all reasonable precautions, due care and reasonable alternative measures in order to carry out the terms and conditions of this Contract, and (b) has informed the other Party as soon as possible about the occurrence of such an event.

To the extent that the provision of the Services is impacted by a pandemic (including COVID- 19) and any reasonable concerns or measures taken to protect the health and safety interests of either Party's personnel, the Parties will work together to amend the Agreement to provide for the Services to be delivered in an appropriate manner, including any resulting modifications with respect to the timelines, location, or manner of the delivery of Services.

The Agency will use reasonable efforts to provide the Services on-site at the Client's offices, provided that, in light of a pandemic the parties agree to cooperate to allow for remote working and/or an extended timeframe to the extent (i) any government or similar entity implements restrictions that may interfere with provision of onsite Services; (ii) either party implements voluntary limitations on travel or meetings that could interfere with provision of onsite Services, or (iii) any of the Agency's resource determines that he or she is unable or unwilling to travel in light of a pandemic-related risk.

1. Termination

1.1.1 By the Client

- a) The Client may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (f) of this GC Clause 1.6.1. In such an occurrence the Client shall give a not less than thirty (30) days" written notice of termination to the Agency.
- b) If the Agency does not remedy a failure in the performance of their obligations under the Contract, within thirty (30) days after being notified or within any further period as the Client may have subsequently approved in writing.
- c) If the Agency becomes insolvent or bankrupt.
- d) If the Agency, in the judgment of the Client has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
- e) If, as the result of Force Majeure, the Agency are unable to perform a material portion of the Services for a period of not less than sixty (60) days.
- f) If the Agency fails to comply with any final decision reached as a result of arbitration proceedings pursuant to GC Clause 6 hereof.

1.1.2 By the Agency

The Agency may terminate this Contract, by not less than thirty (30) days" written notice to the Client, such notice to be given after the occurrence of any of the events specified in paragraphs

- a) If, as the result of Force Majeure, the Agency is unable to perform a material portion of the Services for a period of not less than sixty (60) days by notifying the client in writing before 60 days and terminate the contract mutually with the authorities concerned.

2. Obligations of the Agency

2.1 Standard of Performance

The Agency shall perform the Services and carry out their obligations hereunder with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Agency shall always act, in respect of any matter relating to this Contract or to the Services, as faithful advisers to the Client, and shall at all times support and safeguard the Client's legitimate interests in any dealings with third Parties.

2.2 Confidentiality

Except with the prior written consent of the Client, the Agency and the Personnel shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Agency and the Personnel make public the recommendations formulated in the course of, or as a result of, the Services. Except as otherwise permitted by this Agreement, neither of the parties may disclose to third parties the contents of this Agreement or any information provided by or on behalf of the other that ought reasonably to be treated as confidential and/or proprietary. Parties may, however, disclose such confidential information to the extent that it: (a) is or becomes public other than through a breach of this Agreement, (b) is subsequently received by the receiving party from a third party who, to the receiving party's knowledge, owes no obligation of confidentiality to the disclosing party with respect to that

information, (c) was known to the receiving party at the time of disclosure or is thereafter created independently, (d) is disclosed as necessary to enforce the receiving party's rights under this Agreement, or (e) must be disclosed under applicable law, legal process or professional regulations. These obligations shall be valid for a period of 3 years from the date of termination of this Agreement.

3. Obligations of the Client

3.1 Assistance and Exemptions

The Client shall use its best efforts to ensure that the Government shall provide the Agency such assistance and exemptions as specified in the Contract.

4. Good Faith and Indemnity

4.1 The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

4.2 To the fullest extent permitted by applicable law and professional regulations, both the parties indemnify each other and their associates and employees against all claims by third parties (including each other's affiliates) and resulting liabilities, losses, damages, costs and expenses (including reasonable external and internal legal costs) arising out of the third party's use of or reliance on any report, deliverable, etc. disclosed to it by or through the parties as part of the regular interactions or for project/s purposes.

5. Settlement of Disputes

5.1 This Contract shall be governed by, and construed in accordance with, the laws of India.

5.2 Amicable Settlement

The Parties agree that the avoidance or early resolution of disputes is crucial for a smooth execution of the Contract and the success of the assignment. The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.

In the event of any dispute between the Parties arising out of or in connection with this Agreement, including the validity thereof, the Parties hereto shall endeavor to settle such dispute amicably in the first instance. The attempt to bring about an amicable settlement shall be treated as having failed as soon as one of the Parties hereto, after reasonable attempts, which shall continue for not less than 30 (thirty) days, gives a notice to this effect, to the other party in writing.

5.3 Arbitration

In case of failure to address the dispute by both the parties. The dispute shall be referred to a sole Arbitrator. The Divisional commissioner Ayodhya or any one appointment by the Divisional commissioner Ayodhya shall be the sole arbitrator. The Arbitration proceedings shall be governed by the (Indian) Arbitration and Conciliation Act, 1996 and shall be held in Ayodhya, India. The language of arbitration shall be English.

This Agreement and the rights and obligations of the Parties shall remain in full force and effect, pending the award in any arbitration proceedings hereunder.

5.4 Jurisdiction

Any dispute relating to this Contract or the Services shall be subject to the exclusive jurisdiction of Allahabad High courts, to which both the parties agree.

8. TECHNICAL PROPOSAL - STANDARD FORMS

TECH-1 Technical Proposal Submission Form

TECH-2 Applicant's Organization and Experience

A: Applicant's Organization B: Applicant's Experience

TECH-3 Financial Qualification of The Applicant

TECH-4: Self-Declaration of Non-Blacklisting/ Debarment/ Termination

TECH 5: Format for Power of Attorney for signing of application

Financial form 1- Financial Proposal

Contract Agreement Format

Bank Guarantee Format

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Form TECH-1: Technical Proposal Submission Form

[Location, Date]

To: [Name and Address of Client]

Dear Sir/Madam,

We, the undersigned, offer to provide consulting services for [Insert Title of Assignment] in accordance with your Request for Proposal dated [Insert Date] and our Proposal. We are hereby submitting our Proposal, which includes this Technical Proposal and a Financial Proposal.

We hereby declare that all the information and statements made in this Proposal are true. We accept that any misrepresentation contained in it may lead to our disqualification.

If negotiations are held during the Proposal Validity Period, we undertake to negotiate based on the proposed staff. Our Proposal is binding upon us and is subject to modifications resulting from contract negotiations.

If our Proposal is accepted, we undertake to initiate the consulting services related to the assignment on a mutually agreed date.

We understand that you are not bound to accept any Proposal you receive.

We remain,
Yours sincerely,

Authorized Signature [In full and initials]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

Phone: _____

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Form TECH-2: Applicant's Organization and Experience

1.1.1 A - Applicant's Organization

[Provide here a brief (two pages) description of the background and organization of your firm/entity]

1.1.2 B - Applicant's Experience

[Using the format below, provide information on each assignment for which your firm, and each associate for this assignment, was legally contracted either individually as a corporate entity or as one of the major companies within an association, for carrying out consulting services similar to the ones requested under this assignment]

Assignment name:	
Country:	
Location within country:	Duration of assignment (months):
Name of Client:	Total No of person-months of the assignment:
Address:	Amount of consulting fee received by your firm (INR)
Start date (month/year):	Completion date (month/year):
Name of associated Agency, if any:	No. of professional person-months provided by associated Agency's:
Narrative description of Project	
Description of actual services provided by your staff within the assignment:	
Firm's Name:	

Form TECH-3: Financial Qualification of The Applicant

Sr. No.	Financial Year	Annual Turnover	Net profit
1	2022-23		
2	2023-24		
3	2024-25		

Name of the auditor issuing the certificate Name of the auditor's Firm:

Seal of auditor's Firm:

Date: (Signature, name and designation of the authorized signatory for the Auditor's Firm

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Form TECH-4: Self Declaration for Backlisting/Termination/Debarment

(Non-blacklisted on 100 RS Stamp Paper)

Declaration for Bidder:

[Location, Date]

To: [Name and address of Client]

Subject: Name of project.....

Ref: RFP No. <<.....>> dated <<>> Dear Sir,

We confirm that our company (full registered name of company), _____ is currently not blacklisted by any of the State or UT and or Central Government or any of its agencies in India on any ground including but not limited to indulgence in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice as on date of bid submission.

Authorized Signature [In full and initials]: _____

Name and Title of Signatory:

Name of Firm: _____

Address: _____

Phone:


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Form TECH 5: Power of Attorney for Signing of Application

(To be executed on Non-Judicial Stamp Paper of ₹100/- or such equivalent amount, duly attested by a Notary Public)

Power of Attorney

Know all men/women by these presents that we, [Name and Address of the Registered Office], do hereby constitute, appoint, and authorize Mr./Ms. [Name and Residential Address], who is presently employed with us and holding the position of [Designation], as our lawful attorney, to do, in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our application "[Insert Name of the RFP]", including but not limited to:

- Signing and submission of all documents
- Providing information/responses to the Ayodhya Development Authority
- Representing us in all matters before the Ayodhya Development Authority
- Generally dealing with all matters in connection with our bid for the said project

We hereby agree to ratify all acts, deeds, and things lawfully done by our said attorney pursuant to this Power of Attorney, and all such acts, deeds, and things done by our aforesaid attorney shall always be deemed to have been done by us.

For and on behalf of [Name of the Firm]

Authorized Signatory:

(Signature)

Name: _____

Title: _____

Address: _____

Accepted by:

(Signature of the Attorney)

Name: _____

Title: _____

Address: _____

Note:

- To be executed by the Lead Member in case of a Consortium.
- The mode of execution of the Power of Attorney should be in accordance with the applicable laws and the charter documents of the executant(s). When required, the same should be affixed with the common seal as per the prescribed procedure.
- If the application is signed by an Authorized Director of the Applicant, a certified copy of the appropriate resolution/document conveying such authority may be enclosed in lieu of this Power of Attorney.

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Notes:

1. Joint ventures/consortiums are not permitted. Any form of Joint Bidding Agreement shall not be considered valid for this application.
2. The execution of agreements shall strictly follow the procedure, if any, laid down by the Applicable Law and the charter documents of the executant(s). When required, the same should be affixed with a common seal in accordance with the prescribed procedure.
3. Any agreement executed and issued overseas shall be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney has been executed. However, for Applicants from countries that are signatories to the Hague Apostille Convention 1961, legalization by the Indian Embassy is not required if the document carries a valid Apostille certificate..

Financial form 1- Financial Proposal

THIS FORM IS NOT TO BE FILLED AND SUMITTED ALONG WITH TECHNICAL DOCUMENT. THE BIDDERS ARE REQUIRED TO FILL THE FINANCIAL PROPOSAL IN .XLS FORMAT AFTER DOWNLOADING THE FORM FROM THE E-PROCUREMENT WEBSITE FOR THIS TENDER DOCUMENT

Total Financial bid (in figures)	
Total Financial bid (in words)	


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BANK GUARANTEE FORMAT

To,

_____ [Name of Employer]
_____ [Address of Employer]

WHEREAS _____ [Name and Address of Bidder] (hereinafter called "the Agency") has undertaken, in pursuance of Letter of Acceptance No. _____, dated _____, to execute _____ [Name of Contract and brief description of Works] (hereinafter called "the Contract").

AND WHEREAS it has been stipulated in the said Contract that the Agency shall furnish you with a Bank Guarantee issued by a recognized bank for the sum specified therein as security for compliance with its obligations under the Contract;

AND WHEREAS we have agreed to provide such a Bank Guarantee on behalf of the Agency:

NOW, THEREFORE, we hereby affirm that we are the Guarantor and are responsible to you on behalf of the Agency, up to a total of _____ [Amount of Guarantee]* (in words: _____), such sum being payable in the types and proportions of currencies in which the Contract Price is payable. We undertake to pay you, upon your first written demand and without objection or argument, any sum or sums within the limits of _____ [Amount of Guarantee], without your needing to prove or justify your demand for the specified sum.

We hereby waive the necessity for you to demand the said debt from the Agency before presenting us with the demand.

We further agree that no change, addition, or modification of the terms of the Contract or of the Works to be performed thereunder, or of any of the Contract Documents, which may be made between you and the Agency, shall in any way release us from any liability under this guarantee. We hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid until Twelve (12) months from the date of completion of the project.

Signature, Name, and Seal of the Guarantor

Name of Bank: _____

Address: _____

Phone No.: _____

Fax No.: _____

E-mail Address of Signing Authority: _____

Date: _____

* The amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract, including additional security for unbalanced Bids (if any), and denominated in Indian Rupees.

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Tender Inviting Authority: Ayodhya Development Authority, Ayodhya.

Name of Work: RFP for SITC of Hume pipe at Sandhya Sarover civil line Ram path, Ayodhya.

Contract No:

Name of the Bidder/
Bidding Firm /
Company :

PRICE SCHEDULE

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

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	QTY	Units	Estimated Rate In Rs. P	TOTAL AMOUNT Without Taxes In Rs. P	TOTAL AMOUNT In Words
1	2	4	5	6	53	55
1	DESCRIPTION OF ITEM					
2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift as directed by Engineer-in-charge	578.615	cum	130.48	75486.113	INR Seventy Five Thousand Four Hundred & Eighty Six and Paise Eleven Only
3	Granular Sub-Base with Close Graded Material (Table: 400-1) Construction of granular sub-base by providing close graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per clause 401. For Grading- material (By Mix in Place Method).	70.332	cum	3,893.10	273809.509	INR Two Lakh Seventy Three Thousand Eight Hundred & Nine and Paise Fifty One Only
4	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge. Nominal concrete 1:4:8 or leaner mix (including equivalent design mix)	7.038	cum	1,105.15	7778.046	INR Seven Thousand Seven Hundred & Seventy Eight and Paise Five Only
5	Supplying and filling sand under floors, including watering, ramming, consolidating and dressing complete. Rate to include cost of all materials, labour and T & P etc. required for proper completion of the work.	22.824	cum	1,560.96	35315.169	INR Thirty Five Thousand Three Hundred & Fifteen and Paise Sixteen Only
6	Compaction of earth work after laying of Hume pipe in embankment under optimum moisture conditions to give at least 95% of the maximum dry density	361.200	cum	18.27	6599.124	INR Six Thousand Five Hundred & Ninety Nine and Paise Twelve Only
7	Providing and laying of 750mm dia NP-3 spigot R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete	295.000	RM	3,952.28	1165922.600	INR Eleven Lakh Sixty Five Thousand Nine Hundred & Twenty Two and Paise Sixty Only
8	Providing PCC Work 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	0.324	cum	3,680.02	1192.326	INR One Thousand One Hundred & Ninety Two and Paise Thirty Three Only
9	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland / Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement. 5.33.1 All works upto plinth level 5.33.1.2 Concrete of M30 grade with minimum cement content of 350 kg/cum (The pipe joint allround cover, precast of chamber cover quantity already included)	60.784	cum	7,096.94	431380.401	INR Four Lakh Thirty One Thousand Three Hundred & Eighty and Paise Forty Only
10	Providing & fixing of 10mm Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. 10mm dia steel in 200x200mm spacing all chamber should be made with double lap including bottom, top & inspection chamber.	2327.123	kg	79.27	184471.040	INR One Lakh Eighty Four Thousand Four Hundred & Seventy One and Paise Four Only
Total In Figures					2181954.318	INR Twenty One Lakh Eighty One Thousand Nine Hundred & Fifty Four and Paise Thirty Two Only
Quoted Rate In Figures					Select	0.000 INR Zero Only
Quoted Rate in Words					INR Zero Only	

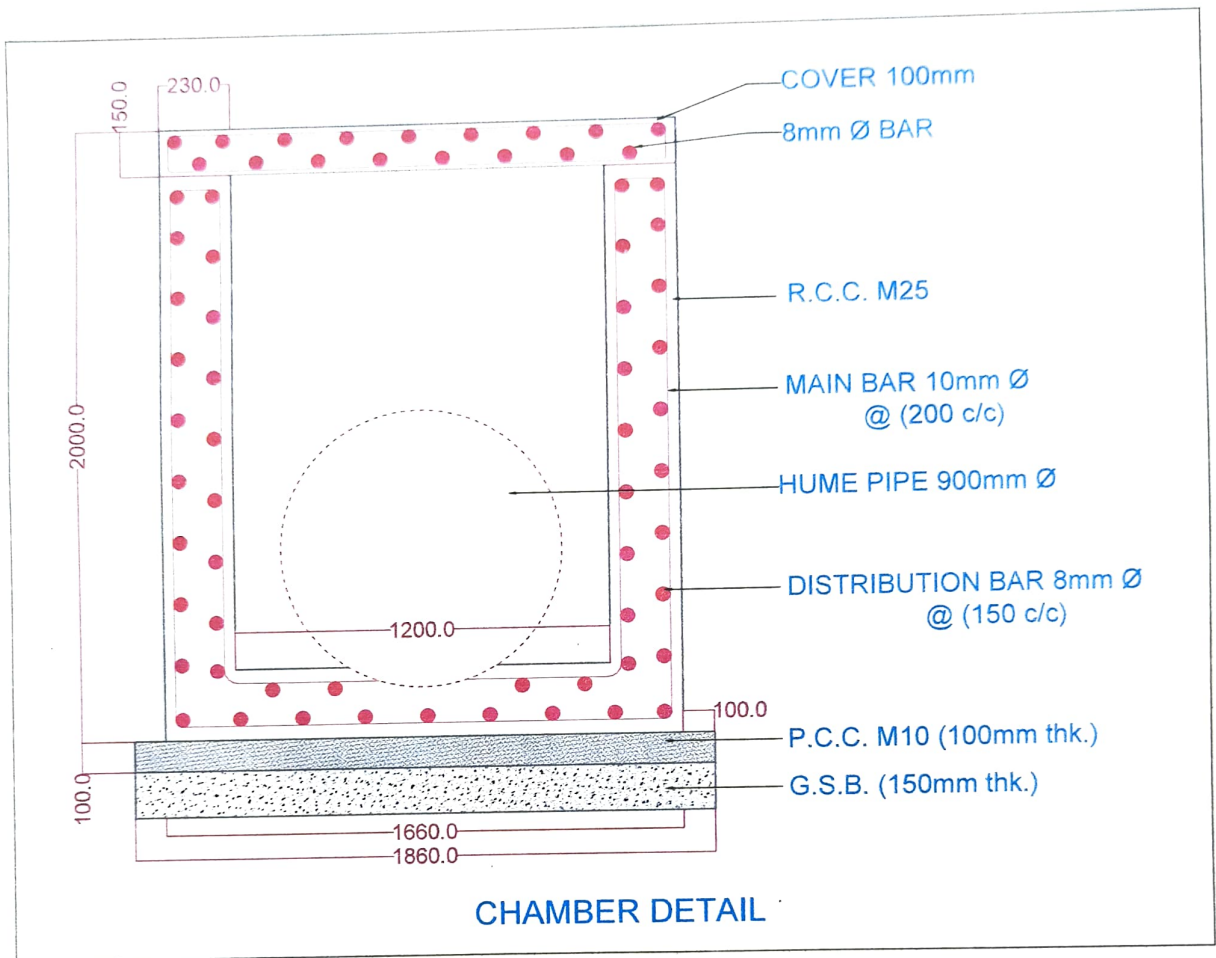
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सहायक अधिकारी
अयोध्या विकास प्राधिकरण

Handwritten signature and initials.

S.N.	DESCRIPTION	MEASUREMENT	TOTAL MEASUREMENT	LENGTH	WIDTH	HIGHT	AREA	VOLUME	UNIT
1	From exsting water collection point near eye hospital to exsting home	121.56	121.56						
	From exsting home to exsting hand pump	46.92							
	exsting hand pump to praposed pump room	133.178							
2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift, as directed by Engineer-in charge			301.66	1	1.82	301.66	578.62	
3	Granular Sub-Base with Close Graded Material (Table: 400-1) Construction of granular sud-base by providing close graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per clause 401. For Grading- material (By Mix in Place Method).			301.66	1	0.2		70.3316	
4	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer -incharge . Nominal concrete 1:4:8 or leaner mix (including equivalent design mix)			46.92	1	0.15		7.038	
5	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete. Rate to include cost of all materials, labour and T & P etc. required for proper completion of the work.			301.66	1	0.075		22.62435	
5	Extra for compaction of earth work in embankment under optimum moisture conditions to give at least 95% of the maximum dry density			301.00	1	1.2		361.2	
6	Providing and laying of 900mm dia NP-3 spigot R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete							295	
4	Providing PCC Work 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	12 nos		1.80	1.5	0.01		0.324	

7	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland / Portland Slag cement, admixtures in recommended proportions as per IS: 9103 size of RCC Chamber(1.2x1.2x1.5(H) quantity-300/25=12nos									
	Inspection Chamber(.6x.6x.5) quantities =12 nos	1.2*1.5*.23*4							19.872	
	All round for all joint of pipe(300/2.5=120 nos) .75(H)x.4(W)x.2(D)*3(S)*120	.6*.5*4*.23							9.312	
	EXTRA								21.6	
	TOTAL								10	
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	WALL SARIYA(1.5*8+1.2*10)X2*4 *12,BOTTAM SARIYA- (1.2X8+1.2X8)*2*120,INSP CH-.6*4*2*4*2*120							60.784	
	WALL	2688								
	BOTTAM	921.6	3609.6							
									2327.1232	


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अयोध्या

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Code No

Code No	Description	Unit	Rate
2.1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge.		
2.1.1	All kinds of soil	sqm	129.85
2.2	Earth work by mechanical / manual means in rough excavation, banking excavated earth in layers not exceeding 20cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller or wooden or steel rammers, and rolling every 3rd and top most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions lead upto 50 m and for all lift :		
2.2.1	All kinds of soil	cum	395.30
2.3	Banking excavated earth by mechanical / manual means in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., lead upto 50 m and for all lift :		
2.3.1	All kinds of soil	cum	197.90
2.4	Deduct for not rolling with power roller of minimum 8 tonnes for banking excavated earth in layers not exceeding 20 cm in depth.	cum	5.25
2.5	Deduct for not watering the excavated earth for banking	cum	14.25
2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and for all lift, as directed by Engineer-in-charge.	cum	177.50
2.6.1	All kinds of soil		
2.7	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.		
2.7.1	Ordinary rock	cum	498.90
2.7.2	Hard rock (requiring blasting)	cum	874.40
2.7.3	Hard rock (blasting prohibited)	cum	1432.95
2.8	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.	cum	260.30
2.8.1	All kinds of soil.		
2.9	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.	cum	632.95
2.9.1	Ordinary rock	cum	1049.80
2.9.2	Hard rock (requiring blasting)		

SUB-BASES, BASES (NON-BITUMINOUS) AND SHOULDERS

Qty Sr No	Reference to MORT&H Specification	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)	Remarks Input ref.
				For Small Project		Small Project	
4.1	401	Granular Sub-Base with Graded Material (Table 400-1)					
4.1	B	By Mix in Place Method					
		Construction of granular sub-base by providing close graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with front end loader at OMC, and compacting with vibratory roller to achieve the desired density complete as per clause 401					
		Unit = cum					
		Taking output = 250	tonne				
		a) Labour					
		Mate	day	0.160	360.000	57.600	L-12
		Mazdoor skilled	day	1.000	330.000	330.000	L-15
		Mazdoor	day	3.000	320.000	960.000	L-13
		b) Machinery					
		Front end loader for mixing at stock pile location	hour		4076.000		P&M-5001
		(i) 3.1 Cum Capacity	hour		2515.000		P&M-5002
		(ii) 2.1 Cum Capacity	hour	13.889	1717.000	23647.222	P&M-5003
		(iii) 1 Cum Capacity	hour				
		Water tanker (speed @ 20km/hr and return speed @ 30 km/hr and spreading speed @ 3 km/hr)	hour		1440.000		P&M-11001
		(i) 16 KL capacity	hour		1270.000		P&M-11002
		(ii) 12 KL capacity	hour	2.632	967.000	2545.269	P&M-11003
		(iii) 6 KL capacity	hour				
		Motor Grader	hour		5907.000		P&M-2001
		(i) Motor grader 4.30 metre blade	hour		5419.000		P&M-2002
		(ii) Motor grader 3.70 metre blade	hour	2.712	4747.000	12872.306	P&M-2003
		(iii) Motor grader 3.35 metre blade	hour	1.618	2440.000	3948.220	P&M-7001
		Vibratory roller	hour				
		c) Material					
		Close graded Granular sub-base Material as per table 400-1					
		For Grading-I Material	cum	92.548	2300.800	212934.615	M-028
		53 mm to 26.5 mm @ 27.5 per cent	cum	75.721	2300.800	174219.231	M-026
		26.5 mm to 9.5 mm @ 22.5 per cent	cum	33.654	2035.800	68512.500	M-024
		9.5 mm to 4.75 mm @ 10%	cum	134.615	2013.300	271021.154	M-017
		4.75 mm below @ 40 per cent	KL	42.000	60.000	2520.000	M-191
		Cost of water					
		OR					
		For Grading-II Material	cum	117.788	2867.200	337165.365	M-028
		26.5 mm to 9.5 mm @ 35 per cent	cum	42.067	2035.800	85640.625	M-024
		9.5 mm to 4.75 mm @ 12.5 %	cum	176.883	2775.800	489435.817	M-023
		4.75 mm below @ 52.5 per cent	KL	42.000	60.000	2520.000	M-191
		Cost of water					
		OR					
		For Grading-III Material	cum	228.846	2867.200	656378.462	M-028
		26.5 mm to 9.5 mm @ 58 per cent	cum	40.385	2035.800	82215.000	M-024
		9.5 mm to 4.75 mm @ 12 %	cum	67.308	2775.800	186832.692	M-023
		4.75 mm below @ 20 per cent	KL	42.000	60.000	2520.000	M-191
		Cost of water					
		OR					
		For Grading-IV Material	cum	215.385	2867.200	577447.346	M-028
		26.5 mm to 9.5 mm @ 84 per cent	cum	37.019	2035.800	75383.750	M-024
		9.5 mm to 4.75 mm @ 11 %	cum	84.135	2775.800	233540.865	M-023
		4.75 mm below @ 25 per cent	KL	42.000	60.000	2520.000	M-191
		Cost of water					
		OR					
		For Grading-V Material					

(Signature)

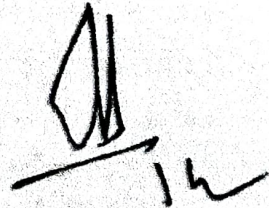
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CHAPTER-4

SUB-BASES, BASES (NON-BITUMINOUS) AND SHOULDERS

10

No	Reference to MORT&H Specification	Description	Unit	Quantity	Rate (Rs.)	Amount (Rs.)	Remarks/ Input ref.
				For Small Project		Small Project	
		53 mm to 20.5 mm @ 27.5 per cent	cum	92.548	2300.800	212934.816	M-028
		20.5 mm to 9.5 mm @ 22.5 per cent	cum	75.721	2067.200	201983.482	M-028
		9.5 mm to 4.75 mm @ 12.50 %	cum	42.067	2036.800	85440.825	M-024
		4.75 mm below @ 37.5 per cent	cum	128.202	2775.800	353911.296	M-023
		Cost of water	KL	42.000	60.000	2520.000	M-191
		OR					
		For Grading-VI Material					
		53 mm to 20.5 mm @ 12.5 per cent	cum	42.067	2300.800	96768.462	M-028
		20.5 mm to 9.5 mm @ 22.5 per cent	cum	75.721	2067.200	201983.482	M-028
		9.5 mm to 4.75 mm @ 22.5 %	cum	75.721	2036.800	154153.125	M-024
		4.75 mm below @ 42.5 per cent	cum	143.029	2775.800	397019.471	M-023
		Cost of water	KL	42.000	60.000	2520.000	M-191
4.1 B	(i)	Rate per cum for grading-I Material					
		d) Overhead charges		@ 10% on (a+b+c)		77378.812	
		e) Contractor's profit		@ 10% on (a+b+c+d)		85114.483	
		Add Royalty		338.54	110.00	37019.23	
		Cost for 250 cum = a+b+c+d+e				973278.653	
		Rate per cum = (a+b+c+d+e)/250				3893.115	
					Bay,	3893.10	



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15.0 DISMANTLING AND DEMOLISHING

Code No	Description	Unit	Rate
15.1	Demolishing lime concrete manually/ by mechanical means and disposal of material within 50 metres lead as per direction of Engineer- in-charge.	cum	851.50
15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.		
15.2.1	Nominal concrete 1:3:6 or richer mix (including equivalent design mix)	cum	2434.25
✓ 15.2.2	Nominal concrete 1:4:8 or leaner mix (including equivalent design mix)	cum	<u>1503.60</u>
15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	cum	3551.25
15.4	Demolishing R.B. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in- charge.	cum	3177.25
15.5	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	sqm	1147.20
15.6	Extra for scrapping, cleaning and straightening reinforcement from R.C.C. or R.B. work.	kg	9.05
15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	cum	704.90
15.7.1	In mud mortar	cum	1783.35
15.7.2	In lime mortar with old mughal bricks	cum	851.50
15.7.3	In lime mortar	cum	2060.20
15.7.4	In cement mortar		
15.8	Removing mortar from bricks and cleaning bricks including stacking within a lead of 50 m (stacks of cleaned bricks shall be measured):	1000 Nos	4658.45
15.8.1	From brick work in mud mortar	1000 Nos	5355.30
15.8.2	From brick work in lime mortar	1000 Nos	6700.80
15.8.3	From brick work in cement mortar		
15.9	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :	cum	1158.10
15.9.1	In lime mortar	cum	2458.95
15.9.2	In cement mortar		
15.10	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually/ by mechanical means including stacking of serviceable and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge :	cum	1464.25
15.10.1	In lime mortar	cum	2877.75
15.10.2	In cement mortar		
15.11	Removing mortar from and cleaning stones and concrete articles (net quantity of stacks of cleaned materials will be measured):	cum	478.55
15.11.1	In lime mortar		

Code No	Description	Unit	Rate
2 22.2	Depth exceeding 1.5 m but not exceeding 3 m	sqm	54.95
2 22.3	Depth exceeding 3 m but not exceeding 4.5 m	sqm	71.30
2 23	Extra for planking and strutting in open timbering if required to be left permanently in position. (Face area of the timber permanently left to be measured)	sqm	872.55
2 24	Extra rates for quantities of works, executed.		
2 24.1	In or under water and/or liquid mud, including pumping out water as required	metre depth	20%
2 24.2	In or under foul position, including pumping out water as required	metre depth	25%
Note for item no. 2 24:- The extra percentage rate is applicable in respect of each item but limited to quantities of work executed in these difficult conditions. The unit, namely, metre depth, to be considered for payment, shall be the depth measured from the sub soil water level up to the centre of gravity of the qty executed in difficult conditions. The depth shall be reckoned correct to 0.10 m, 0.05 m or more shall be taken as 0.10 m and less than 0.05 m ignored.			
2 25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift.	cum	196.00
2 25(a)	Excavating, supplying, stacking and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in foundation trenches, plinth, sides of foundation etc. complete for all lift.	cum	700.50
2 26	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.		
2 26.1	All kinds of soil	cum	126.80
2 26.2	Ordinary or hard rock	cum	227.40
2 27	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	cum	2123.75
2 28	Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.	sqm	34.15
2 28.1	All kinds of soil		
2 29	Ploughing the existing ground to a depth of 15 cm to 25 cm and watering the same.	sqm	34.60
2 29.1	All kinds of soil		
2 30	Excavating holes more than 0.10 cum & upto 0.5 cum including getting out the excavated soil, then returning the soil as required in layers not exceeding 20cm in depth, including consolidating each deposited layer by ramming, watering etc, disposing of surplus excavated soil, as directed within a lead of 50 m and lift upto 1.5 m.	each	82.45
2 30.1	All kinds of soil	each	194.25
2 30.2	Ordinary rock	each	319.30
2 30.3	Hard rock (requiring blasting)	each	461.30
2 30.4	Hard rock (blasting prohibited)		

SUB HEAD : 2.0 EARTH WORK

16.0 ROAD WORK

ROADS

Description

Unit

Rate

16.1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres	sqm	218.90
16.2	Extra for compaction of earth work in embankment under optimum moisture conditions to give at least 95% of the maximum dry density (proctor density).		
16.3	Supplying and stacking at site.		
16.3.1	90 mm to 45 mm size stone aggregate	cum	24.85
16.3.2	63 mm to 45 mm size stone aggregate	cum	2098.40
16.3.3	53 mm to 22.4 mm size stone aggregate	cum	1838.05
16.3.4	Over burnt (Jhama) brick aggregate 120 mm to 40 mm	cum	1842.30
16.3.5	Over burnt (Jhama) brick aggregate 90 mm to 45 mm	cum	798.10
16.3.6	Stone screening 13.2 mm nominal size (Type A)	cum	872.05
16.3.7	Stone screening 11.2 mm nominal size (Type B)	cum	2034.35
16.3.8	Red bajri	cum	2247.75
16.3.9	Good earth	cum	1584.90
16.3.10	Moorum	cum	775.50
16.4	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density.	cum	768.25
16.5	Laying water bound macadam sub-base with brick aggregate and binding material, earth etc. including screening, sorting and spreading to template and consolidation with light power road-roller etc. complete.(payment for brick aggregate and moorum etc. to be made separately)		
16.5.1	Over burnt (Jhama) brick aggregate 120 mm to 40 mm	cum	1046.95
16.5.2	Over burnt (Jhama) brick aggregate 90 mm to 45 mm	cum	879.70
16.6	Supplying, stacking and Spreading 6 mm thick red bajri, watering and rolling complete including preparation of the surface and rolling.	sqm	879.70
16.6.1	With road roller/ hand roller		
16.7	Brick edging in full brick width and half brick depth including excavation, refilling and disposal of surplus earth lead upto 50 metres.	metre	24.45
16.7.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5		
16.8	Brick edging laid lengthwise with half brick depth including excavation, refilling and disposal of surplus earth lead upto 50 metres :	metre	194.30
16.8.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5		
16.9	Scarifying metalled (water-bound) road surface including disposal of rubbish, lead upto 50 m and consolidation of the aggregate received from scarifying with power road roller of 8 to 10 tonne capacity.	sqm	53.45

Code No	Description	Unit	Rate
19.31.2.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	metre	6680.60
19.31.3	For 600x850 mm size		
19.31.3.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	metre	7789.85
19.32	Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design.		
19.32.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	26861.90
19.33	Constructing soak pit 1.20x1.20x1.20 m filled with brick bats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.	each	2890.10
19.34	Providing and fixing S.W. intercepting trap in manholes with stiff mixture of cement mortar 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :		
19.34.1	100 mm dia	each	441.40
19.34.2	150 mm dia	each	602.65
19.35	Providing and laying Non Pressure NP-3 class (Medium duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete		
19.35.1	450 mm dia RCC pipes.	metre	2676.55
19.35.2	600 mm dia RCC pipes.	metre	3401.25
19.35.3	900 mm dia RCC pipes.	metre	5377.25
19.35.4	1000 mm dia RCC pipes. (Laying by manual/ mechanical means)	metre	6656.55
19.35.5	1200 mm dia RCC pipes. (Laying by manual/ mechanical means)	metre	9126.20
19.35.6	1800 mm dia RCC pipes. (Laying by manual/ mechanical means)	metre	16184.00
19.36	Providing and laying Non Pressure NP-4 class (Heavy duty) R.C.C. pipes including collars/spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete		
19.36.1	450 mm dia RCC pipes.	metre	3053.55
19.36.2	600 mm dia RCC pipes.	metre	3934.75
19.36.3	900 mm dia RCC pipes.	metre	7397.40
19.36.4	1000 mm dia RCC pipes. (Laying by manual/ mechanical means)	metre	9181.75
19.36.5	1200 mm dia RCC pipes. (Laying by manual/ mechanical means)	metre	11119.35
19.36.6	1800 mm dia RCC pipes. (Laying by manual/ mechanical means)	metre	22578.75

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SUB HEAD : 19.0 DRAINAGE

Code No	Description	Unit	Rate
DESIGN MIX CONCRETE			
5.33	<p>Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland / Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge, for the following grades of concrete.</p> <p>Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.</p>		
5.33.1	All works upto plinth level		
5.33.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	9504.75
5.33.1.2	Concrete of M30 grade with minimum cement content of 350 kg /cum	cum	9655.70
5.33.1.3	Concrete of M35 grade with minimum cement content of 370 kg /cum	cum	9806.70
5.33.1.4	Concrete of M40 grade with minimum cement content of 390 kg/cum	cum	9957.65
5.33.1.5	Concrete of M50 grade with minimum cement content of 410 kg/cum	cum	10108.65
5.33.2	All works above plinth level upto floor V level		
5.33.2.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	cum	9860.40
5.33.2.2	Concrete of M30 grade with minimum cement content of 350 kg /cum	cum	10011.35
5.33.2.3	Concrete of M35 grade with minimum cement content of 370 kg /cum	cum	10162.35
5.33.2.4	Concrete of M40 grade with minimum cement content of 390 kg /cum	cum	10313.30
5.33.2.5	Concrete of M50 grade with minimum cement content of 410 kg /cum	cum	10464.30
5.33A	<p>Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources and using recycled concrete aggregate (RCA) as coarse aggregate and fine aggregate within permissible utilization of 20% each, Portland Pozzolana / Ordinary Portland / Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.</p> <p>Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.</p>		

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Code No	Description	Unit	Rate
5.19A	Encasing rolled steel sections, in beams and columns, with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA) upto 20%) including centering and shuttering complete but excluding cost of reinforcement.	cum	15918.60
5.20	Encasing rolled steel section in grillages with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) including centering and shuttering but, excluding cost of expanded metal and hangers.	cum	9663.25
5.20A	Encasing rolled steel section in grillages with cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand including manufactured sand derived from Recycled Concrete Aggregate (RCA) upto 20% : 3 graded stone aggregate 20 mm nominal size Recycled Concrete Aggregate (RCA) upto 20%), including centering and shuttering but excluding cost of expanded metal and hangers.	cum	9492.45
5.21	Extra for providing and fixing expanded metal mesh of size 20x60 mm and strands 3.25 mm wide 1.6 mm thick weighing 3.64 kg per sqm for encasing of rolled steel sections in beams, columns and grillages, excluding cost of hangers.	sqm	485.05
STEEL REINFORCEMENT			
5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.		
5.22.1	Mild steel and Medium Tensile steel bars	kg	107.10
5.22.2	Hard drawn steel wire	kg	95.80
5.22.3	Cold twisted bars	kg	107.85
5.22.4	Hot rolled deformed bars	kg	107.85
5.22.5	Hard drawn steel wire fabric	kg	102.20
5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	107.85
5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.		
5.22A.1	Mild steel and Medium Tensile steel bars	kg	107.10
5.22A.2	Hard drawn steel wire	kg	95.80
5.22A.3	Cold twisted bars	kg	107.85
5.22A.4	Hot rolled deformed bars	kg	107.85
5.22A.5	Hard drawn steel wire fabric	kg	102.20
5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	107.85
5.22B	Steel reinforcement for R.C.C. work ready to use "cut and bend" rebars of approved make from factory/workshop to construction site including placing in position and binding all complete upto plinth level.		
5.22B.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	kg	99.65


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