



Guru Ghasidas Vishwavidyalaya

(A Central University) Koni, Bilaspur, 495009 (C.G.) India
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Tender Ref. No 23/ EQUIPMENT/CIVIL ENGG /STORE/GGV/2025, DATE: 03/09/2025

2nd Call

E-TENDER FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 1000 kN (100 Tons) LOADING FRAME & PAN TYPE CONCRETE MIXTURE FOR CIVIL ENGINEERING, GGV

Reference Number	TENDER REF. NO 23/ EQUIPMENT/CIVIL ENGG /STORE/GGV/2025, DATE: 03/09/2025
Name of Work	“Equipment Purchase” for Civil Engineering Department, Guru Ghasidas Vishwavidyalaya Campus, Bilaspur. (C.G.)
Tender Fees (Non-Refundable)	Rs. 10,000/- (In form of DD)
Earnest Money Deposit	Rs. 2,00,000/- (In form of DD/FDR/BG)
Tender Value	Rs. 40,00,000/- (Excluding Taxes)
Tender Documents	Available Online in Both www.ggu.ac.in & https://eprocure.gov.in/eprocure/app
Last Date of Online Submission of e-Tender	17/09/2025 upto 03:00 PM
Technical Bid Opening Date	18/09/2025 upto 04:00 PM
Financial Bid Opening Date	Financial bid for the technically qualified bidders will be opened online.

Note: Those vendors/OEM have participated in the first call (Tender Ref. No 21/ EQUIPMENT/CIVIL ENGG /STORE/GGV/2025) are exempted for Tender fees and EMD. However, a photocopy of the previous tender fees and EMD must be sent to Store Section, GGV, Bilaspur, Koni, 495009.

E-Tender

FOR THE SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF EQUIPMENT: LOADING FRAME & PAN TYPE CONCRETE MIXTURE IN CIVIL ENGINEERING DEPARTMENT GGV.

Guru Ghasidas Vishwavidyalaya, invites “E-Tender” from the reputed firms for the supply, installation, testing and commissioning of equipment’s, Civil Engineering Department. Tender document may be downloaded from the websites:- www.ggu.ac.in or <https://eprocure.gov.in/eprocure>. The soft copies of the duly filled format, scanned copy of signed tender and relevant documents, DD of tender cost and EMD shall be uploaded on the website www.eprocure.gov.in. However, sealed envelope containing original DD of the tender fee Rs. 10,000/- (Non-refundable) and DD/FDR/BG of the EMD of Rs. 2,00,000/- addressed to the Registrar, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur, C.G.-495009, should reach up to 03:00 PM on or before 17/09/2025, through speed post/registered post/courier service. The technical bid shall be opened online 18/09/2025 at 4:00 PM.

The University is not responsible for any delay in receiving the documents in hard/soft copies. GGV reserves all the right to accept/reject any or all tender without assigning any reason in favor of university.

The university is having right/free to add/modify the technical specifications if desired for successful functioning of the instruments after pre-bid meeting and the same will be intimated through <https://eprocure.gov.in/eprocure> & www.ggu.ac.in for interested bidders.

1. Mode of Payment of Tender Cost and EMD:

Tender fee and EMD must be submitted in original before the scheduled last date through speed post/registered post/courier service to **the OSD (Store), Guru Ghasidas Vishwavidyalaya, Bilaspur 495009 (C.G.)**. The scanned copies of Tender fee and EMD are to be uploaded on-line in eprocure.gov.in.

1.1 Tender Fee

Tender cost of Rs 10,000 (non-refundable) should be in the form of DD in favour of **“Registrar, Guru Ghasidas Vishwavidyalaya”, payable at Bilaspur (C.G.)**, from any nationalized bank.

1.2 Earnest money deposit (EMD)

An EMD of **Rs. 2,00,000/-** (refundable as per terms & condition of the tender) should

be in the form of FDR/DD/BG in favor of “**Registrar, Guru Ghasidas Vishwavidyalaya**”, payable at Bilaspur (C.G), from any nationalized bank.

The following shall be noted related to EMD:

- The EMD for all those bidders who are found not eligible shall be returned back to the bidder.
- No exemption from depositing the EMD shall be allowed to any participating bidder. However, GOI norms/rules/Standards/orders may be applicable.
- Validity of EMD shall be six months (180 Days) from the last due date of submission of E-Tender.
- EMD shall be forfeited in the following cases:
 - If any information or document furnished by the bidder turns out to be misleading or forged in any material respect; and if the successful bidder fails to execute the contract/ agreement within the stipulated time or any extension thereof provided by GGV.

Note: Those vendors/OEM have participated in the first call (Tender Ref. No 21/ EQUIPMENT/CIVIL ENGG /STORE/GGV/2025) are exempted for Tender fees and EMD. However, a photocopy of the previous tender fees and EMD must be sent to Store Section, GGV, Bilaspur, Koni, 495009.

2. Essential Eligibility Criteria for the bidder:

The bidder should fulfill the following Eligibility criteria for participating in this Tender: (Regarding the eligibility criteria, the bidder has to submit the filled in format as per Annexure I, Annexure I-A to I-D and Annexure III)

- 2.1 The bidding firm should have an experience of supply and installation of the structural loading frame for testing under flexure/compression equipment (similar) in any premier educational institutions like IIT, NIT, CFT or any other reputed private universities in India in last consecutive 03 years. Further required to attach the Purchase Order, installation certificate and Satisfaction/completion letter from the concerned Organization (as applicable). The firm should have no adverse complaint or blacklisted by any government/semi-govt./govt. financed dept./ PSU/corporation as buyer or (Annexure- I-A)
- 2.2 CA Certified turnover certificate for 03 financial years (F.Y. 2022-23, F.Y. 2023-24, F.Y. 2024-25) with a **minimum average annual turnover of Rs. 100 Lakhs**, along with gross profit statement without any loss. (Annexure “I-B” must be filled along with CA certified audited balance sheet for last three FY).
- 2.3 Bidder should possess statutory requirement such as PAN, GST, Shop-Establishment Registration for their existing businesses setup. (Annexure- I-C)
- 2.4 If the bidder is not a manufacturer/Principal company (OEM), then the bidder must have a valid authorization certificate issued from the OEM. (Annexure- I-D must be filled in)

Eligibility Criteria for Bidders Clause 2.0						
Clause no. 2.0	Annexure	Criteria satisfied by The bidder Yes/no	Document / certificate attached in support Yes/no	Give the relevant page no In the bid document submitted by the bidder		Remarks
				From	To	
2.1	I-A					
2.2	I-B					
2.3	I-C					
2.4	I-D					

3. DISQUALIFICATION:

The bid may be cancelled/partially accepted/rejected/not evaluated if any of the following is observed by the technical committee of GGV.

1. If any of the eligibility criteria (as per clause-2) is not fulfilled by the bidder
2. If the hard copies of the desired documents including Tender fee (original) and EMD (original)/Exemption document are not received to the store section of the university, within the stipulated time through speed/registered post or courier service only.
3. If the bid is conditional or incomplete.
4. If the desired relevant documents (Scanned copy of DD of Tender Fee, DD/FDR of EMD, and other certified documents) in support of the information furnished in this tender are not uploaded online.
5. If the tender document is altered or tampered in any manner
6. If duly signed copy of the desired Annexure I (I-A to I-D), undertaking (Annexure III), checklist and relevant certificates are not attached with the on-line technical bid.
7. If at any stage during and after evaluation of the technical bid and even after agreement and award of the work the bid/agreement of any such bidder will be rejected/not evaluated/cancelled, it is found that the information/documents furnished by the bidder is false/untrue/fabricated/tampered etc.
8. If the bidding firm has been blacklisted/debarred by any government/semi-government/PSU organizations or any legal proceedings regarding malpractice is ongoing against the bidding firm or the firm was found guilty for such malpractices earlier.
9. If the bidder attempts to influence any member of the committee of GGV during and after the tendering process.
10. If the bidder claims any other charges for the supply over and above the Quoted rate in the tender, except the prevailing taxes imposed by the Government.

4. RIGHTS OF THE UNIVERSITY:

The University reserves (without assigning any reason, whatsoever) the right to:

- Accept or reject any or all bids for this tender at any stage.
- Amend the selection process at any stage, if situation so warrants.
- Interpret any clause, modify/alter and amend the provisions of this tender or any other document issued at any stage of selection.
- Amend the scope of work.
- Debar the bidder, if during the process of selection or later at any stage, it is found or discovered that bidder has/ had provided incorrect/misleading information or material mis-representation or concealment of information sought by the GGV.
- Close the process/cancel the invitation/ tender notice at any stage.

5. Downloading of the E-Tender:

The bid document consisting of scope of work and the set of terms and conditions of the contract to be complied with and other necessary documents may be seen and downloaded from websites www.ggu.ac.in or <https://eprocure.gov.in/eprocure/app>

6. Submission of the Bids: Part-A

6.1 TECHNICAL BID: Following duly signed documents are to be submitted by the bidder:

6.1.1 Soft copies to be uploaded in the CPP Portal e-procure.gov.in:

- a. All relevant certificates, undertakings, documentary evidence in support of the information furnished by the bidder.
- b. Signed and scanned copies of Tender Cost and EMD.
- c. Signed copy of the tender document without any alteration.

6.1.2 Online (soft copy) Bid Submission

- a. The bid document consisting of scope of work and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from websites www.ggu.ac.in or <https://eprocure.gov.in/eprocure/app>.
- b. Bidder must be registered on the website <https://eprocure.gov.in/eprocure/app> for uploading the soft copy of the bid.
- c. The interested tenderer(s) must read the terms and conditions of this Tender carefully. Firm should only submit the bid if eligible, and should possess all the documents required.
- d. Bidder should upload documents in the format available on the website <https://eprocure.gov.in/eprocure/app>.
- e. Bidder must upload the Tender documents on the e-Tendering website www.eprocure.gov.in. The scanned copy of demand draft for Bid Cost (Non- refundable) and demand draft of Earnest Money Deposit (EMD) in pdf format. All two files should be uploaded in one file named **“Bid Cost_EMD_E-Tender Fee_Name of Bidder.pdf”** within the period of bid submission.

- f. Bidders must upload their tender on the e-Tendering website www.eprocure.gov.in. The scanned copy of the bid documents Technical (in pdf format) and Financial Bids (as per format available on the website www.eprocure.gov.in) within the period of bid submission.
 - g. First pdf file titled “**Technical Bid _Name of Bidder**” must have all required documents related to Technical Bid.
 - h. Second file (as per the format available on the website www.eprocure.gov.in) titled “**Financial Bid Name of Bidder**” must have the Financial Bid.
 - i. The Technical bid file must contain the scanned copies of duly signed tender document/format, certified copies of documents related to Eligibility Criteria, all relevant information and documents of turnover, net profit (after tax), experience, ongoing work, documents relevant for evaluating the bidder technically, Corrigendum / Addendum / Other documents, if any, etc. as per the attached annexure (except annexure II). The technical bid will be opened only for those firms whose tender fees and EMD will be received in original within scheduled date and time.
 - j. The bidders are required to upload and submit page of (Audited) summarized balance sheet /summarized Profit & Loss Account for last 03 years (F.Y. 2022-23, F.Y. 2023-24, F.Y. 2024-25).
 - k. Bidder must ensure to quote rate in the Financial Bid as per Annexure-II. (The rate shall be quoted up to 2 Decimals).
 - l. If any cell is left blank and no rate is quoted by the tenderer, rate of such item shall be treated as “0” (ZERO).
 - m. Information and Instructions for tenderers uploaded on websites shall form part of bid document.
 - n. The bidders are advised to submit complete details with their bids. The Technical Bid Evaluation will be done on the basis of documents submitted/uploaded on e- tendering website(s) by the bidders with the bids. The information should be submitted in the prescribed Performa. Bids with Incomplete/Ambiguous information will be rejected.
 - o. Online technical bid documents submitted by intending tenderers shall be opened only of those tenderers, whose Earnest Money Deposit, Cost of Bid Document and other documents placed in the envelope are found in order. GGV reserves all the rights to reject the bid, if three envelopes do contain relevant information with regard to the content of the envelope.
 - p. Before the scheduled last date and time of submission of bid as notified, the tenderer can submit their revised bid any number of times indicating the relevant details on the concerned envelope.
 - q. On opening date and time, the bidder may login to see the bid opening process.
 - r. The tenderer may submit their queries (if any), through E-mail (storesectionggv2021@gmail.com, headcivilengg.ggu@gmail.com) and in writing to the **Registrar, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur, 495009 (C.G.)** to seek clarifications regarding the tender submission etc. GGV will reply only those queries which are essentially required for submission of bids. GGV will not reply the queries which can be implied /found in the tender documents or which are not relevant or in contravention to tender documents.
- 6.1.3** Hard copy (Tender fee and EMD) to be submitted in a sealed envelope to the “OSD Guru Ghasidas Vishwavidyalaya, Koni Bilaspur (C.G.) 495009

6.1.4 Purchase Preference under Make in India Policy

a. Minimum Local Content Requirements:

- 1) **Bidders offering products with minimum 50% local content will be categorized as Class-I Local Suppliers.**
- 2) **Bidders offering products with minimum 20% local content (but less than 50%) will be categorized as Class-II Local Suppliers.**
- 3) Undertaking Requirement:
Bidders are required to submit an undertaking/self-declaration Letter on its firm's letter head indicating the percentage of local content in their offered products and confirming compliance with the Make in India policy.

1. Technical Evaluation Criterion:

Purchase preference to **Class-I and Class-II Local Suppliers** shall be considered as per the revised guidelines and will form **an additional criterion during the technical evaluation.** Bidders not meeting the local content criteria will not be eligible for purchase preference benefits.

6.2. Financial bid:

Financial bid is to be submitted online only, to be uploaded on <https://eprocure.gov.in/eprocure/app> the BoQ (format as per annexure II). The offered price of any item in Tender, is to be quoted (online only) by the bidder in the BoQ. No additional charges for packing, forwarding, loading, unloading, transit insurance, installation, testing & commissioning etc. except the government taxes shall be payable to the vendor.

7. Opening and Evaluation of the Bid:

The bids shall be opened on-line for only those bidders who successfully submit the desired Tender Fee, EMD in original in hard copy in a sealed envelope on or before the scheduled last date & time to the store section of the University.

The bid is invited under two stages (three packets system); accordingly, the stage wise bids shall be opened online. On scheduled date the technical bids shall be downloaded and further evaluated as per the eligibility criteria as per the condition of this Tender.

The financial bids of technically qualified bidders shall be opened on-line as per the date decided and uploaded in the e-procure.gov.in and ggu.ac.in sites. As per the financial bid evaluation, the firm quoting the lowest total cost (L-1) will be awarded the tender.

8. Technical Specifications of Equipment As per Schedule: I-II

Schedule – I: Loading Frame

Schedule – II: Pan Type Concrete Mixture.

9. GENERAL TERMS AND CONDITIONS OF TENDER:

9.1 Quoted Price of each item should remain firm during the supply duration.

9.2 The price must be excluding GST.

- 9.3** The specifications and quantity are detailed in the Schedule I & Schedule II.
- 9.4** University reserves the right to increase or decrease the quantity or delete some or all of items depending on the needs of the university. The Bidder has to supply the desired items as per purchase order with the same price as quoted in the bid.
- 9.5** The award of the contract may be decided on the basis of quoted rates, Quality of Product, experiences & past performance of the Bidder etc. as desired in this tender. The decision of the University in this regard shall be final and binding on the bidders.
- 9.6** The terms & conditions of this Tender shall remain valid till the expiry of the successful supply up to the warranty period.
- 9.7** Any change in statutory levies during the period of Tender shall be paid extra against documentary proof for such changes, if legally livable and should be intimated within 3 weeks from the receipt of supply order.
- 9.8** Bidder/Supplier will not supply the items under Tender, on a rate, lesser than our Tender prices to any other Govt. institution. If the same is found, then proportionate recoveries will be made from bidder/supplier authorized dealer.
- 9.9** The vendors/firms should be registered with GST Authorities.
- 9.10** Bidder must submit certificate of registration as manufacturer/ authorized supplier (as applicable) along with the bid.
- 9.11** Authorized dealer / distributor of a company has to submit a copy of their latest dealership/ distributorship certificate. The vendors shall be eligible for the supply only upto the validity of such certificate during the Tender period.
- 9.12** Price should be for delivery at Guru Ghasidas Vishwavidyalaya Campus, Bilaspur (CG). No additional cost in any manner shall be borne by the university for supply, installation, demonstration etc.
- 9.13** Number of vendors may be multiple for any one principal company, subject to the fulfillment of other requirement as desired in this Tender. University has all the rights reserved to negotiate with other bidder if it finds suitable for proper and smooth supply.
- 9.14** Prices charged for the items supplied under Tender should under no event be higher than lowest prices at which the party sells the items of identical description to any other Govt. organization during the period of contract failing which the "FALL CLAUSE" will be applicable. A certificate to this effect may be provided by the firm that the lowest prices have been offered to Guru Ghasidas Vishwavidyalaya. In case it is found that the price changed by the firm are more, the same will be recovered from the subsequent/unpaid bill of the supplier.
- 9.15** If the bidder has experience of supplying the similar items as sought in this tender then the relevant work order/ experience certificate for such supplies issued from the Government academic / research institutions/Organization should be attached

with the bid as their credential & documentary evidences.

- 9.16** University reserves the right to carry out a technical inspection and performance evaluation (benchmarking) of the offers made by shortlisted vendors. The shortlisted vendors may be asked to come and give out presentation / demonstration.
- 9.17** The items, so supplied will have to be of desired quality & grade. The same if not found in order then the supplied goods may be rejected on the expenses of the vendor and also appropriate penalty for wrong supply may be imposed on the vendor by the university. Items of inferior quality, are to be replaced by the vendor at their own cost within the stipulated period, failing which the purchase order of the firm will be cancelled. Delayed supply / non-compliance of complete order may also lead to appropriate penalty.
- 9.18** University will create a shortlist of technically qualifying vendors and the financial tender of only these vendors will be opened online.
- 9.19** University reserves the right to decide whether the items being quoted are as per the requirement of the university and are of standard/leading brands in the market. University reserves the right to decide which offer best suits the requirement of the university. Further, after opening financial tenders of the short-listed tenders, if there is a discrepancy between word and figure, the amount indicated in words will prevail.
- 9.20** The Cost of the equipment should be exclusive of GST but inclusive of all other statutory levies. Labor, installation charges, packing, transporting, forwarding, transit insurance, loading/unloading, commissioning, demonstration (at desired location), freight etc.
- 9.21** Payment shall be made only after satisfactory acceptance of the item. by the user department after installation. No advance/part payment shall be made/entertained in any occasion. by the university.
- 9.22** The firm is bound to supply all the items if approved by the university and accordingly purchase order has been issued to the successful bidder. Failing which the EMD may be partially/fully forfeited by the university.
- 9.23** Financial bid is to be submitted online only, to be uploaded on www.eprocure.gov.in in the BoQ (format as per annexure II).
- 9.24** **Performance Guarantee (PG) /Security Deposit (SD): PG/SD for an amount of 5% of the order value have to be furnished in the form of an Account payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from a Commercial bank in an acceptable format by the successful tenderer.** Performance Guarantee is to be furnished along with the invoice after before or supply the supply and it should remain valid for a period of 60 days beyond the date of completion of all obligations by the vendor, including warranty (five year)

obligation.

- 9.25** Warranty: Comprehensive on-site warranty (as applicable) shall be applicable to the supplied goods for a period of 30 months for all manufacturing defects from the date of satisfactory installation, commissioning and acceptance by the user department of GGV.
- 9.26** Bidder may contact Store section, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) for any clarification or information regarding the Tender. E-Mail: storesectionggv2021@gmail.com, headcivilengg.ggu@gmail.com.
- 9.27** The delivery of goods will be taken at the risk and cost of the supplier from railway/ transport and university will not be held responsible for any such matter.
- 9.28** The supply of material will have to be completed within stipulated time given in the purchase order. **The liquidated charges @0.5% per week** shall be imposed if supply made after stipulated delivery period subject to maximum 10% of the total value of goods/ contract value.
- 9.29** In case supply of material requires more than stipulated time, the supplier must apply in writing and seek permission of extension, on valid ground, at least one week before the last date of expiry stipulated for supply. The University reserves all the rights to grant any extension in last date for the supply on valid grounds or may deny for granting any extension.
- 9.30** The supply order will depend upon the requirement and recommendation furnished by the user department/ Head of the department and availability of the fund with GGV. The quantity of items may or may not change.
- 9.31** The firm has to supply the required items as per unit price mentioned in the BoQ.
- 9.32** Supply should be made in full against the Purchase order and shortage will be procured from any other source on the risk and cost of the supplier. Partial supply may not be accepted by the university.
- 9.33** No. Payment will be made for unsatisfactory items supplied by the vendor.
- 9.34** The articles should be securely packed to avoid damages etc. in transit. Tampered and damaged items will not be acceptable.
- 9.35** Delivery: The delivery should be given at GGV, Bilaspur, C.G. No delivery, packing charges, load, unloading charges will be paid extra by the University.
- 9.36** Supply should be made from the latest batch of production with the maximum life period & original packing.
- 9.37** The bills ought to be submitted in **triplicate**, in the name of the **Registrar, GGV, Bilaspur**. The bill/invoice (with valid GST No.) must possess the bank details (Account No. Bank Name, IFSC Code etc), and the university purchase Order No.

- 9.38** Earnest Money Deposit: (EMD) of Rs. 2,00,000/- should be submitted in the form of Account Payee Demand Draft/Fixed Deposit Receipt/BG of any of the Nationalized Banks drawn in favor of Registrar, GGV, Bilaspur (C.G) along with Tender.
- 9.39** Taxes: The rate of sale Tax/ GST should be mentioned clearly.
- 9.40** Each page of the Tender document and annexure if any, should be signed by the tenderers failing which tender may not be considered.
- 9.41** Offer validity period: The offer validity of goods should hold a period of 180 days from the date of opening of the financial bid. Any offer falling short of the validity period is liable for rejection with appropriate penalty including forfeiting of EMD/ SD
- 9.42** The dispute arising between Vendor and the GGV will be referred to Arbitrator as per government of India norms.
- 9.43** Fall Clause: The following Fall clause will form part of the contract–
- (i) The price charged for the services and stores supplied under the contract by the Bidder/firm shall in no event exceed the lowest prices at which the Bidder / firm sells the stores and services or offer to sell stores and services of identical description to any persons/Organization including the purchaser or any department of the Central government or any Department of state government or any statutory undertaking the central or state government as the case may be during the period till performance of all supply Orders placed during the currency of the rate contract is completed.
- (ii) If at any time, during the said period the Successful Bidder reduces the sale price, sells or offer to sell such stores and services to any person/organization including the University or any Dept. of Central Govt. or any Department of the State Government or any Statutory undertaking of the Central or state Government as the case may be at a price lower than the price chargeable under the contract, the Bidder/Firm shall forthwith notify such reduction or sale or offer of sale to the University and the price payable under the contract for the stores of such reduction of sale or offer of the sale shall stand correspondingly reduced.

9.44 Force Majeure

- (i) Neither the Firm/Contractor nor the Client shall be considered as defaulting in the Performance of their obligations under this Agreement, as long as such performance is

prevented or delayed, for reason, beyond the reasonable Control of the party claiming the existences of Force Majeure such as Acts of God, severe earthquake, cyclone (expect monsoon), floods, lighting, land slide, fire or explosions, plague or epidemics, strikes, lockouts (lasting more than 14 consecutive calendar days), sabotage, blockade, war riots, invasion, acts of foreign enemies, hostilities (whether war be declared or not), civil war, rebellion, insurrection or military usurped power or confiscation or trade embargoes or destruction of requisition by order of any Government or any Public Authority. The party claiming the existence of Force Majeure shall within ten days or within shortest possible period without delay, as the case may be, notify the other party about the occurrence of the Force Majeure event and provide the other details of arising ceasing of the impediment. At the end of the impediment, the party claiming the existence of Force Majeure shall provide necessary documental proof of cessation.

- (ii) As soon as the cause of Force Majeure has got removed, the party whose ability to perform its obligations has been affected shall notify the other of such cessation and of the actual delay incurred in such affected activity, including necessary evidence in support thereof. From the date of occurrence of a case of Force Majeure, obligations of the party affected shall be suspended during the continuance of Force Majeure Conditions and any liability so caused until the case itself and the inability so caused resulting there from have been removed, the agreed time of completion of the respective obligations under this contract shall stand extended by a period equal to the period of delay occasioned by such events.
- (iii) Should one or both the parties be prevented from fulfilling the contractual obligations by state of Force Majeure lasting continuously for a period of six months, the parties shall consult each other regarding the future implementation of the Project.

9.45 Resolution of disputes (Arbitration and laws): In case of any dispute or difference arising out of or in connection with the Tender conditions/order and contract, the GGV and the tenderer will address the dispute/difference for a mutual resolution and failing which, the matter shall be referred for arbitration to a sole arbitrator to be appointed by GGV. The arbitration shall be held in accordance with the provisions of the arbitration and conciliation act 1996 and the venue of arbitration shall be at Bilaspur (C.G.) only. The resolution of the arbitrator shall be final and binding on both the parties.

- 9.46** Jurisdiction: the courts at Bilaspur (C.G.) alone will have the jurisdiction to try any matter, dispute or reference between parties arising out of this Tender/contract (later). It is specifically agreed that no Court outside and other than Bilaspur (CG) court shall have jurisdiction in the matter.
- 9.47** The Bidder/OEM should have 10 years of experience in manufacturing of such equipment.
- 9.48** OEM/Bidder must have NABL Calibration Facility on its Own or in its Sister Concern for the last 5 Years.
- 9.49** Vendor assessment report done by QCI should be submitted with the bid.
- 9.50** Bidder/OEMs must produce a work order for a similar equipment in any IIT, NIT, CFI, Government Organizations & reputed Private organizations.
- 9.51** OEM Should enclose Factory License with the bid.

Annexure I
TECHNICAL INFORMATION
(Tenderer may use separate sheet wherever required)

Sl. No	Details of the firm/bidder	Detail to be Furnished by the firm/bidder	Page number in the tender document
1	Name and address of the Bidder		
2	e-mail id, Mobile No. and land line No. of the bidding firm		
3	State clearly whether it is Sole proprietor or Partnership firm or a company or a Government Department or a Public Sector Organization (attach relevant document in support)		
4	Whether the firm is registered under company Act 1956? If yes, enclose certified copies as documentary evidence: In case firm is registered with other Govt. Deptt./Agency/CFIs., the same may be stated with documentary evidence.		
5	Bank Detail of the Bidder: Name of Bank: PAN Full address of Bank: Account No.: IFSC of Bank:		
6	Details of the Tender Fees DD No.: Dated: Drawn on Bank: Amount: Rs.10,000		

7	Details of the Earnest Money Deposit (EMD) DD. No./FDR No./BG No.: Dated: Drawn on Bank: Amount: Rs 2,00,000/-		
8	Attach duly certified copy current price list issued by the manufacturer (hard & soft Copy)		
9	Price Justification Certificate: Bidders are required to provide a certificate in this regard that the discount offered on the printed price is equal to or more than the discount offered to any other organization for the current price list (kindly submit the certificate (as per annexure I -D)		
10	Copy of Income Tax Return for last 3 years (attach CA certified(copies)		
11	Attach the tender document and its annexure (duly signed and stamped by the bidder) Note: It is mandatory to sign each and every page of the documents including the tender format and are to attached /submitted along with the technical bid.		
12	Quality Assurance certificate (to be submitted by the bidder that the quoted products are of acceptable Standards & Purity), Please specify the product quality.		
13	Any other information, if the bidder wishes to furnish in order to strengthen its candidature as supplier under rate contract.		
14	Undertaking as per annexure (as per Annexure-III)		

ANNEXURE –I-A

BIDDERS EXPERIENCE

Year	Details of supply orders executed by the bidding firm to other organization (PO.No, Installation, Completion certificate issue date etc)	Name, Address & Type of organization	Page No of documents attached in this Bid

ANNEXURE-I-B

Turn Over& Gross Profit Statement of the Bidding firm

	Turn Over (Rs. in Lakh)	Turn Over in Average (Rs. Lakh)	Gross Profit (Rs. in Lakh)	Gross Profit in Average (Rs. in Lakh)
2022-23				
2023-24				
2024-25				

Note: CA Certified copy of the audited balance sheet for the information as furnished above must be attached with the technical bid.

ANNEXURE- I-C

Statutory Information:

Sno	Description	Details to be furnished by the Bidder	Page No Bid	Attach all the certified copies of the documents in support
1	PAN card			
2	GST registration			
3	Shop/Establishment Registration			

ANNEXURE-I-D

AUTHORIZATION Certificate Statement

(To be submitted only if the bidder is not a manufacturer for the item quoted in this Tender)

To,
The Registrar, GGV Bilaspur (C.G) 495009.

Subject: Authorization Certificate Statement

Reference: Authorization Certificate issued by the manufacturer vide no

Dear sir,

I hereby submit the certified copy of the authorization certificate issued by the principal manufacturing company as detailed under. the certificates are valid as desired in the Tender. I have gone through the clause no and other relevant condition of this Tender.

SN	ITEM	Name of the manufacturer	Address of the manufacturer	Certificate reference No issued by the principal manufacturer	Date of issue	valid upto

Yours faithfully,

[Signature with date, name and designation]

For and on behalf of M/S.
[Name & address of the manufacturers]

ANNEXURE II

FINANCIAL BID (BoQ)

Financial Bid shall be submitted online.

[Validate](#)

[Print](#)

[Help](#)

Rate BoQ

Annexure II

Tender Inviting Authority:Registrar, Guru Ghasidas Vishwavidyalaya(A Central University), Bilaspur, Chhatisgarh

Name of Work: EoI/E-Tender FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF 1000 kN (100 Tons) LOADING FRAME & PAN TYPE CONCRETE MIXTURE FOR CIVIL ENGINEERING Depatment, GGV, Bilaspur

Contract No: Tender Ref. 23/ EQUIPMENT/CIVIL ENGG /STORE/GGV/2025, DATE: 03/09/2025

Name of the Bidder/ Bidding Firm /			
<u>PRICE SCHEDULE</u> (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)			
NUMBE	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	BASIC RATE In Figures (exclusive of taxes) To be entered by the Bidder in Rs.	TOTAL AMOUNT In Words
1	2	7	10
1	Loading Frame Capacity 1000 kN (100 Tons) (As per technical Specification Mentioned in Schedule-I)		
1.01	Rate excluding taxes		INR Zero Only
2	Laboratory Pan Type Concrete Mixer (As per technical Specification Mentioned in Schedule-II)		
2.01	Rate excluding taxes		INR Zero Only
Total in Figures			INR Zero Only
Quoted Rate in Words		INR Zero Only	

ANNEXURE III
DECLARATION

1. I, Son /Daughter of Shri
Proprietor/ Partner/ Director/Authorized Signatory of the bidding firm M/s.
..... and I am competent to sign
this declaration and execute this Tender document.
2. I have carefully read and understood all the terms and conditions of the Tender and I hereby
convey my acceptance and compliance of the same.
3. The information/ documents furnished along with this Bid application are true and authentic to
the best of my knowledge and belief.
4. I/ we am/ are well aware of the fact that furnishing of any false information/ fabricated document
would lead to rejection of my bid at any stage besides liabilities towards prosecution under
appropriate law, and my EMD may also be forfeited.
5. My/Our firm is neither blacklisted by any Government Department/PSUs/PSEs nor is any
Criminal Case registered against the firm or its owner or partners or directors anywhere in India.
6. I/We have read and understood all the terms and conditions and are acceptable to the
7. firm. I/we will obey/comply/abide by all the terms and conditions of this Tender, if the
contract is awarded to my firm.
8. Total number of pages (including signed copy of Tender documents) being submitted in this
bid is

Dated:

Name & Designation

Signature of Bidder

Note :

1. The above declaration, duly signed and sealed by the authorized signatory of the firm/company,
should be enclosed with the Tender document.
2. Certificate as per above must be submitted only on non-judicial stamp paper of Rs.100/-.

CHECK – LIST

Details		Complied /Attached Yes/No	Page Number	Compiled/ Not- Compiled
Envelope I (online And Offline)				
1	DD of the Tender Fee of Rs 10,000/- (non-refundable) has been kept in original in Envelope-I along with the DD of EMD as below. Also, the scanned copy of the above DD has been uploaded in the e-procure site along with the e-tender documents.			
2	FDR/BG/DD of the EMD of Rs 2,00,000/- (non-refundable) has been kept in original in Envelope-I along with the FDR/TDR of Tender cost/fee as above. Also, the scanned copy of the above FDR/TDR has been uploaded in the e-procure site along with the e-tender documents			
Envelope-II (online Only) (Attach the duly signed copies of the following along with relevant supporting documents as detailed in the tender)				
1	Weather bidder has read and signed each page of the tender documents and enclosed in original of the same along with the technical bid documents in Envelope-II. Weather bidder has read and signed each page of tender documents and uploaded the scanned copy of the same along with the technical bid documents.			
2	Annexure I (in desired format) is attached by the bidder.			
3	Annexure I-A (in desired format) is attached by the bidder.			
4	Annexure I-B (in desired format) is attached by the bidder.			
5	Annexure I-C (in desired format) is attached by the bidder.			
6	Annexure I-D (in desired format) is attached by the bidder.			
7	Annexure III (in desired format) is attached by the bidder.			
Financial Bid upload online as per Annexure -II (online only)				

DATE:

Name & Designation:

SCHEDULE – I:
Technical Specification for Loading Frame Capacity 1000 kN (100 Tons)

Load Frame

It is a free-standing welded steel type rectangular load frame. The frame is rigid and robust, with fixed bottom base frame & cross head with Jack mounted on it. The base of the frame has T-slots to fit the bottom support roller and two-point loading fixture on jack. Load cell attached on jack for Load measurement. The frame should support to test the RCC beams (Max. length of 3 m) and RCC Slabs of size 1.5 x 1.5 m (Maximum).

Cost required for delivery, haulage including loading and unloading charges, hoisting, erecting and connecting all the Structural members of specified sections mentioned in the specifications detailed below to one another with bracket, gussets, cleats as per design, complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, all complete at Structure Laboratory, Department of Civil Engineering, SoS, E&T, Bilaspur, CG, India.

Flexure Frame Technical Specifications

Capacity of the frame	:	1000 kN (100T)
Maximum Vertical Clearance	:	2000 mm
Horizontal Clearance	:	3500 mm (Between the columns)
Diameter of roller	:	50 mm
Length of roller	:	1000 mm or suitable for supporting slab of size 1.5 x 1.5 m
Max Span Length	:	3000 mm
Actuator/Jack Assy.	:	100 T with 250 mm travel and RAM dia 100 mm

Hydraulic jack

Hydraulic Jack is a linear motion device, which gives a controlled motion either on stress basis or strain basis. It is a precision piece of equipment which follows the command signal from the wave generator through the Proportional valve. It is a ram arrangement with surface finish of 0.2 microns. An inline coaxially mounted LVDT/ Potentiometric linear position transducer is fitted in the Jack to measure displacement of Jack and also run the system in displacement control mode.

Technical Specification:

Type	:	Double acting single ended
Capacity of the Hydraulic Jack	:	1000 kN (Compression)
Minimum test speed (Position control mode)	:	1mm/min
Maximum test speed (Position control mode)	:	50 mm/min
Stroke Length	:	250 mm
Operating Pressure	:	210 bars

Load Cell (Compression Type)

It is a strain gauge-based type load cell with full wheat-stone bridge configuration. Structure of the load cell is such that it can be loaded in compression over few million numbers of times. It has Alloy tool steel, electro

less nickel-plated structure for outstanding corrosion resistance.

Least Count of Load cell 0.5kN

Technical Specification of load cell

Capacity	:	1000kN (100T)
Full Scale Output	:	2.0 mV/V
Non-Linearity	:	$< \pm 0.15\%$ FSO
Hysteresis	:	$< \pm 0.1\%$ FSO
Non-Repeatability	:	$< \pm 0.1\%$ FSO
Creep (30 minutes)	:	$< \pm 0.1\%$ FSO
Excitation Voltage	:	10 Volts DC to 15 VDC
Safe overload	:	150%
Operating Temperature	:	0° C to +60

Displacement Transducer (Potentiometric Type)

Hydraulic Cylinder has integral displacement sensor which is co-axially fitted to the lower part of the Hydraulic Cylinder. The absence of Electrical contact on the cursor eliminates all wear and guarantee almost unlimited life

Least Count of LVDT 0.1mm

Technical Specification of LVDT

Range	:	300mm
Make	:	Gefran/ Balluff/ equivalent
Full Scale Output	:	10.0 Volts
Independent Linearity	:	$\pm 0.02\%$ of FS
Repeatability	:	$< 0.01\text{mm}$
Hysteresis	:	$< 0.01\text{mm}$
Pressure Withstand	:	Up to 600 Bars
Excitation Voltage	:	24 Volts DC
Sampling Rate Standard	:	2kHz
Operating Temperature	:	-30° to +75 ° C
Protection Class	:	IP67

Hydraulic Power Unit

It includes all the accessories like pressure line filter, return line filter, oil level, relief valve, pressure sensor for pressure measurement, clogging filter, Temperature sensor for temperature measurement and Anti vibration mountings are provided as standard along with the HPS. A suitable heat exchanger would be provided for cooling of the hydraulic oil. Temperature controller is provided to prevent overheating of the hydraulic beyond 50°C.

Technical Specifications

Flow of the pump	:	20 LPM
Max. Operating pressure	:	210Bars
Type of pump	:	Fixed Vane Pump
Capacity of the oil tank	:	200 liters
Power rating of the motor	:	10 HP
Return line filter	:	10 microns

Cooling Capacity and Type : Air cooled Heat Exchanger

Distribution Manifold with Servo proportional valve

Flow Rate : 20 LPM
Max Pressure : 210 Bar
Quantity : 01 Number

Distribution manifold is an interface between the power pack and the actuators. It has 3 pair of outlets one each for controlling of individual actuator Flow can be changed depending upon the actuator in use.

Safety interlocks for overheating of the oil (Temperature Controller), contamination of the oil (Clogging Filter), Relief Valve for pressure regulation to set pressure from 0-210 bars, over loading of the motor, Phase failure, Low oil Level etc. are provided as standard and trips the system, in case any of the interlock is activated along with the indication on the controller.

Note- All the Hydraulic components are must be robust, reliable and repairable and are from branded manufacturers such as Yuken, Vickers-Rexroth, EPE, Hydac, etc.

- Lifting shackle will be provided for lifting power pack.
- The HPU will be operate to the noise specification at full output without no need for a pump room or enclosure.
- A ball valve will be used for drain tank whenever needed
- A dip tray all around tank for make sure not pouring oil during maintenance.
- All fitting will be high pressure.
- First Filled of oil Provided by Vendor.
- A suitable heat exchanger would be provided for cooling of the hydraulic oil. Temperature controller is provided to prevent overheating of the hydraulic beyond 50°C.

System should be supplied with necessary cable and fittings for the operation of the machine. Total machine operates on 440V, Three Phase, 50Hz supply.

4. PC Based Control system and software

Control system should provide the digital Servo Proportional control, Ramp generation, for the machine, data acquisition, hydraulic control etc. for the continuous operation of the system.

(a) Signal Conditioning & Controlling Unit

Specifications of Controller

- Auto PID operation with auto loop shaping Servo Proportional operation
- Closed loop update rate is 10 kHz
- **No. of control axis - 1**
- Computer controlled operation to Start, Stop & Hold the test system
- High speed Data Acquisition card with 10 kHz sampling rate from the signal conditioning and controlling unit
- System accuracy-
- Load accuracy: $\pm 1\%$ of indicated value of Load
- Displacement accuracy: $\pm 1\%$ of indicated value of Displacement
- Environmental Temperature- 0°C to +60 °C
- Relative Humidity- 10% to 85% non-condensing

- Supply Input- 220-240 VAC, 50 Hz

(b) Computer for Controlling and Data acquisition

System should be provided with dedicated computer of given specifications or better with built in data acquisition card and wave generator.

Intel i7 processor, 1024 GB SSD, 12GB RAM, DVD R/W drive, Key Board, Optical Mouse, 6USB Ports, 19" LCD Monitor, Deskjet Colored Printer, UPS.

(c) Control Software

Control software should be the integral part of the system for precise controlling, operation & Data Acquisition (16 channel) and analysis.

Salient Features

- Windows based user-friendly software
- Programmable rate of loading in static mode
- Types of Tests Static (Ramp)

Load Control Mode	:	15kN/min to 50kN/min
Displacement control mode	:	1mm/min to 50mm/min
- Computer/Software programmable Safety Limits for each load & displacement
- Facility to hold the Hydraulic Cylinder and restart the loading during the test.
- Facility to save the data after the test
- On-line display of Load, Displacement readings
- Auto adjustment of graph scales
- Storing of data of channel in user defined file/directory that can be directly opened in Excel for further Analysis

Application Software

Salient features of the software

- Windows based & user friendly
- Saving & Retrieving of Test Files
- On line display of Load, Displacement & Extensometer (Optional)
- Start & Stop operation for acquiring data
- Online Plot of Load v/s Displacement Graph
- Display of recorded Data on the Screen
- Plotting of following graphs-Load v/s Time, Displacement v/s Time, Load v/s Displacement, Stress v/s Strain
- Calculation of various parameters such as load and elongation at yields, peak load and displacement at break, yield stress, compressive strength etc.
- Facility to print the data and all the graphs

Hydraulic Hoses and cable

All the hoses (pressure, return and drain line) of Hydraulic Cylinder should be supplied by vendor. These hoses shall be compatible with the Hydraulic Cylinders.

Pressure line

ID	:	¾” BSP
Working Pressure	:	5500 PSI
Length	:	5m
Make	:	Parker/Equivalent

Return line

ID	:	¾” BSP
Working Pressure	:	5500 PSI
Length	:	5m
Make	:	Parker/Equivalent

All the cable as Servo Proportional valve, LVDT, load cell will be supplied having length 5 meter each.

SCHEDULE – II

Technical Specification – Laboratory Pan Type Concrete Mixer

Parameter	Specification
Mixer Type	Pan Type
Capacity	400 kg per batch
Pan Capacity	500 Litres
Stirring Mechanism	Blade Type Stirrer
Construction Material	High-grade Mild Steel
Automation Grade	Automated Operation
Motor Rating	7.5 HP (Heavy-duty electric motor)
Power Supply	380–415 V, Three Phase, 50–60 Hz AC
Driven Type	Electric
Output Capacity	Approximately 12 Tonnes per Hour
Surface Finish	Industrial-grade Color Coated
Applications	Suitable for Laboratory and Research use