



Basic Details

Organisation Chain	Gati Shakti Vishwavidyalaya		
Tender Reference Number	GSV/ADM/CIVIL/26-28		
Tender ID	2026_GSV_918225_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Works
Tender Category	Works	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Offline	S.No	Instrument Type
	1	Demand Draft
	2	FDR

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Fees, prequalification and technical documents as single PDF file
2	Finance	.xls	BOQ in Specified format

Tender Fee Details, [Total Fee in ₹ * - 1,180]

Tender Fee in ₹	1,180		
Fee Payable To	Gati Shakti Vishwavidyalaya	Fee Payable At	Gati Shakti Vishwavidyalaya
Tender Fee Exemption Allowed	Yes		

EMD Fee Details

EMD Amount in ₹	10,00,000	EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Gati Shakti Vishwavidyalaya	EMD Payable At	Gati Shakti Vishwavidyalaya

[Click to view modification history](#)

Work /Item(s)

Title	General Civil and Maintanance Work				
Work Description	New and Manintanance Work				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	Yes				
Tender Value in ₹	5,00,00,000	Product Category	Civil Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	180	Period Of Work(Days)	NA
Location	Gati Shakti Vishwavidyalaya,Vadodara	Pincode	390004	Pre Bid Meeting Place	GSV Campus
Pre Bid Meeting Address	On 29 July 2026 at 11 AM at Academic Building 2nd Floor Board room GSV campus Opp Lalbaugh garden Vadodara	Pre Bid Meeting Date	29-Jul-2026 11:00 AM	Bid Opening Place	GSV vadodara
Should Allow NDA Tender	No	Allow Preferential Bidder	No		
Tenderer Class	As per Tender Document				

Critical Dates

Publish Date	23-Jul-2026 09:00 AM	Bid Opening Date	18-Aug-2026 04:00 PM
Document Download / Sale Start Date	23-Jul-2026 09:00 AM	Document Download / Sale End Date	17-Aug-2026 03:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	23-Jul-2026 10:00 AM	Bid Submission End Date	17-Aug-2026 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Notice for inviting Tender	188.88

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	Tenderdocument.pdf	Tender Document	784.80
	2	BOQ	BOQ_965317.xls	BOQ	300.50

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	pradeep@gsv.ac.in	Pradeep K	PRADEEP
2.	ram.upadhyay@gsv.ac.in	Ram Upadhyay	RAM KRISHNA UPADHYAY
3.	edwin.raj@gsv.ac.in	Edwin Raj	R EDWIN RAJ

Tender Properties

Auto Tendering Process allowed	No	Show Technical bid status	Yes
Show Finance bid status	Yes	Stage to disclose Bid Details in Public Domain	Technical Bid Opening
BoQ Comparative Chart model	Normal	BoQ Compative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

TIA Undertaking

S.No	Undertaking to Order	Tender complying with Order	Reason for non compliance of Order
1	PPP-MII Order 2017	Agree	
2	MSEs Order 2012	Agree	

Tender Inviting Authority

Name	Dr. Pradeep
Address	Academic Building, 2nd Floor,GSV campus, Opp. Lalbaugh garden, Vadodara.

Tender Creator Details

Created By	Pradeep K
Designation	Assistant Professor
Created Date	22-Jul-2026 03:44 PM



गति शक्ति विश्वविद्यालय

GATI SHAKTI VISHWAVIDYALAYA

(A Central University under the Ministry of Railways, Government of India)

लालबाग, वडोदरा, गुजरात / Lalbaug, Vadodara, Gujarat 390004

Introduction

Gati Shakti Vishwavidyalaya (GSV) is a Central University under the Ministry of Railways, Govt. of India. The University is India's first University in the Transportation and Logistics sectors and has been created by an Act of Parliament and notified vide Central Universities (Amendment) Act 2022. The University offers a unique value proposition in applied education, training, skilling and research through experiential learning and academia-industry interface to build top quality manpower. Being an Industry-driven and Innovation-led University with a relevant mandate to significantly impact national development, the University has established and in process of establishing national and international collaborations across prestigious universities and leading industries.

NOTICE INVITING TENDER

Name of Work: General Civil & Maintenance Works of GSV Campus as per Requirement for the Year 2026-2028.



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Tender No.	GSV/Civil/ New & Maint. work/2026-2028, dated 22.07.2026
Estimated Tender Value	Rs. 5,00,00,000.00 (Rupees Five Crore only)
Cost of Tender Documents (Non-Refundable)	Rs. 1180/- (One Thousand One Hundred Eighty only) Account Details- Beneficiary Name: Gati Shakti Vishwavidyalaya Bank Name: State Bank of India Account number: 38616836365 IFSC Code: SBIN0001064 Branch: Lalbaug, Vadodara (Please upload transaction number/UTR number with screenshot)
Duration of the contract	24 months (2 years), extendable by one year based mutual agreement on same terms and conditions
Earnest Money Deposit (EMD) (refundable)	₹ 10/-Lakhs (Ten Lakhs only)
PBG(Performance Bank Guarantee)	₹ 25/-Lakhs (Twenty-Five Lakhs Only)
Bid submission start date	23-07-2026
Date of Pre-bid Meeting	On 29-07-2026 at 11:00 hrs. at Academic Building, 2 nd Floor, Board room, GSV campus, Opp. Lalbaugh garden, Vadodara.
Bid submission end date & time	16-08-2026 up to 15:00 hrs.
Bid opening Date and time	17-08-2026 at 10:00 hrs.
Validity of the Bids	180 days from the date of Tender opening (GSV reserves the right to seek an extension of the bid validity)



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www.gsv.ac.in



**GENERAL CIVIL & MAINTENANCE WORKS OF GSV
CAMPUS AS PER REQUIREMENT FOR THE YEAR
2026-2028.**

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1. Introduction, background & overview

Gati Shakti Vishwavidyalaya (GSV) is a Central University under the Ministry of Railways, Govt. of India. The University is India's first University in the Transportation and Logistics sectors and has been created by an Act of Parliament and notified vide Central Universities (Amendment) Act 2022. The University offers a unique value proposition in applied education, training, skilling and research through experiential learning and academia-industry interface to build top quality manpower. Being an Industry-driven and Innovation-led University with a relevant mandate to significantly impact national development, the University has established and in process of establishing national and international collaborations across prestigious universities and leading industries.

The objective of this document is to engage contractor for general civil & Maintenance Works of GSV Campus as per Requirement for the Year 2026-2028, extendable for one more year on mutual agreement of terms and conditions.

2. Tender requirements of GSV

General Civil & Maintenance Works of GSV Campus for 5 crores as per requirement for the year 2026-2028, extendable by one year on mutual agreement. Increase in 50% of the original contract value shall be done with prior approval of the Competent Authority with same rates, terms, and conditions.

Tender No.	GSV/Civil/ New & Maint. work/2026-2028
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Bid submission start date	As per NIT document
Date of Pre-bid Meeting	As per NIT document
Bid submission end date	As per NIT document
Bid opening Date and time	As per NIT document
Validity of the Bids	180 days from the date of Tender opening (GSV reserves the right to seek an extension of the bid validity)

3. General Conditions of Contract (GCC)

The Schedule of the works consists of CPWD DSR 2023 as well as Non-Scheduled (NS) items. All the general conditions of contract (GCC) and specification guidelines of DSR 2023 shall be applicable to this contract unless otherwise specified in the special conditions below.

The bill of quantities (BOQ) shall be read in conjunction with the GSV Instruction to bidders, General Conditions of Contract, Particular/Special Conditions of Contract.

- i) No work shall be executed by the contractor without the permission of the GSV Civil Engineer or faculty-in-Charge (FIC).
- ii) Work will be carried out as per the instructions & satisfaction of GSV FIC (Civil), which includes contractor's manpower, tools, lead, lift, etc. Contractor shall be responsible for completion of works.
- iii) The Contractor is not allowed to subcontract any of the works.
- iv) No amount shall be paid for any extra work apart from the specified works as per the terms and conditions of the tender.
- v) The contract will be valid for a period of 24 months from the date of issue of LOA.
- vi) Joint measurement shall be made for actual working on unit basis in the presence of site supervisor of GSV and contractor.
- vii) Contractor shall consider the various provision of the Central Goods and Services Tax Acts, 2017 (CGST)/Integrated Goods and services Tax Act. 2017 (IGST) / Union territory Goods and services tax Act, 2017 (UTGST)/respective state's Goods and Services Tax Act (SGST) etc as notified by Central/State Govt & as amended from time to time.
- viii) The contractor should have registered under CGST/IGST/UTGST/SGST Act and have GSTIN.
- ix) Depending on the type of work, contractor should engage qualified & experienced supervisor to oversee the quality and ensure timely completion of the work, without any addition charges.
- x) The agency should supply materials as per DSR/ NS rate as demanded by GSV.
- xi) The contractor should maintain record of all materials and manpower supply for every kind of works separately for cross verification.
- xii) The Contractor is responsible for the storage and security of materials in the space provided by GSV. The entire responsibility for theft, damage, and deterioration shall remain with the Contractor.
- xiii) Contractor should execute the work in timely manner with quality as per the instructions of GSV's engineer. The supply of labours, materials or both should be done as per the situation and requirements of the work.
- xiv) The successful agency/bidder shall be responsible for compliance of all statutory provisions relating to Labour License, minimum wages, provident fund, ESIC, etc., in respect of the persons deployed.
- xv) The Contractor shall not permit any of the Contractor's Personnel to have any temporary or permanent living space within GSV campus.
- xvi) Price revision other than DSR-2023, shall not be payable under any circumstances.

4. Contract Agreement

The Parties shall enter into a Contract Agreement within 15 days after the Contractor receives the Letter of Acceptance (LoA), unless they agree otherwise. The costs of stamp duties and similar charges (if any) imposed by law in connection with entry into the Contract Agreement shall be borne by the Contractor.

4.1. Care and Supply of Documents

The Specifications and Drawings shall be in the custody and care of GSV unless otherwise stated in the Contract. Any documents provided by GSV to the contractor should be kept safely by the contractor. If any error or mistake in any of the documents for the execution of work, the contractor should immediately bring to the notice of GSV officials.

4.2. Inspections by GSV Officials

The Contractor shall permit officials of GSV and/or persons assigned by GSV to inspect the Site and/or the Contractor's records relating to the performance of the Contract.

4.3. Instructions by GSV Officials

Instruction to contractor for additional or modification may be provided by GSV officials in the execution of the Works/ remedying of any defects. In this case, the Contractor shall only take instructions from the Engineer/FIC (Civil).

The Contractor shall comply with the instructions given by the Engineer or delegated assistant, on any matter related to the Contract. Whenever practicable, their instructions shall be given in writing. If the Engineer or a delegated assistant, gives an oral instruction, then the contractor should obtain the written confirmation for the same within two working days.

4.4. Safety Procedures

Comply with all applicable safety regulations, for the safety of all deployed manpower in the site. Reasonable efforts to be made to keep the site and works clear of unnecessary obstruction/ pollution, providing alternate roadways, footways, guards, fences, etc., which may be necessary for the safety of the public, owners and occupiers of adjacent land.

The Contractor shall be responsible for keeping unauthorized persons off the site.

4.5. Quality Assurance

The Contractor shall institute a quality assurance system to demonstrate compliance with the requirements of the Contract. The system shall be in accordance with the details stated in the Contract. The Engineer shall be entitled to audit any aspect of the system.

Details of all procedures and compliance documents shall be submitted to the Engineer for information before each design and execution stage is commenced.

The Contractor shall be responsible for all Contractors' Equipment. While such equipment are on the Site, it shall be deemed to be exclusively intended for the execution of the Works. The Contractor shall not remove from the Site any major items of Contractor's Equipment without the consent of the Engineer. However, consent shall not be required for vehicles transporting Goods or Contractor's Personnel off Site.

4.6. Health and Safety of Contract Manpower

The Contractor must always take reasonable precautions to protect the health and safety of his personnel. Suitable arrangements shall be made to meet all necessary welfare, hygiene, and epidemic prevention requirements.

The Contractor is responsible for maintaining safety to prevent any accidents throughout the work. If any accident occurs within the campus, the Contractor shall bear all manpower-related expenses.

4.7. Contractor's Superintendence

The Contractor shall employ only qualified person having relevant experience to carry out the functions stated in the Schedule or approved by the Engineer.

4.8. Contractor's Personnel

The Contractor's Personnel shall be appropriately qualified, skilled and experienced in their respective trades or occupations. The Contractor may have to remove (or cause to be removed) any person employed on the Site or Works, including the Contractor's Representative, if he/she:

- persists in any misconduct or lack of care,
- carries out duties incompetently or negligently,
- fails to conform with any provisions of the Contract, or
- persists in any conduct which is prejudicial to safety, health, or the protection of the environment.

If GSV authorities asks the Contractor to remove a person for any of the above said reasons, the Contractor shall ensure that the person leaves the Site within seven (7) days and has no further connection with the work in the Contract. The replacement shall be done within fourteen (14) days. A reasonable proportion of the Contractor's Superintending Staff shall have a working knowledge of the English language.

4.9. Contractor's obligations:

- i) The Contractor shall at all times take all reasonable precautions to prevent any unlawful, riotous or disorderly conduct by or amongst the Contractor's Personnel, and to preserve peace and protection of persons and property on and near the Site.
- ii) The Contractor shall, having regard to local conditions, provide on the Site an adequate supply of drinking and other water for the use of the Contractor's Personnel.
- iii) The Contractor must not import, sell, give, barter, or otherwise dispose of any alcoholic liquor or drugs. The Contractor also must not allow their personnel to do so.
- iv) The Contractor shall not give, barter, or otherwise dispose of, to any person, any arms or ammunition of any kind.
- v) The Contractor shall respect the Country's recognized festivals, days of rest and religious or other customs.
- vi) The Contractor shall be responsible, to the extent required by local regulations, for making any funeral arrangements for any of his local employees who may die while engaged upon the Works.
- vii) The Contractor shall not use any form of forced or compulsory labor. Forced or compulsory labor means any work or service that a person does not agree to do voluntarily and is forced to do under threat of punishment.
- viii) Child labour is prohibited in the workplace, and the Contractor shall not employ any child in work.

4.10. Plant, Materials and Workmanship

Samples

The Contractor shall submit samples of Materials, and relevant information, to the Engineer for consent prior to using the Materials in or for the Works as per the specifications. The cost for testing of materials shall be borne by the contractor.

Rejection

If, as a result of an examination, inspection, measurement or testing, any Plant, Materials or workmanship is found to be defective or otherwise not in accordance with the Contract. The Engineer may reject the Plant, Materials or workmanship by giving notice to the Contractor, with reasons. The Contractor shall then promptly make correction to the defect and ensure that the rejected item complies with the Contract.

If the Engineer requires the Plant, Materials or workmanship to be retested, the tests shall be repeated under the same terms and conditions.

Royalties

Unless otherwise stated in the Specification, the Contractor shall pay all royalties, rents and other payments for:

- i) Natural Materials obtained from outside the Site, and
- ii) The disposal of material from demolitions and excavations and of other surplus material (whether natural or man-made), except to the extent that disposal areas within the Site are specified in the Contract.

4.11. Clearance of Site

Upon receiving the Performance Certificate, the Contractor shall remove all his belongings, including, Equipment, surplus material, wreckage, rubbish and Temporary Works, etc. from the Site.

If all these items have not been removed within 28 days after the contractor receives a copy of the Performance Certificate, the Employer may sell or otherwise dispose of any remaining items. The Employer shall be entitled to be paid for the costs incurred in connection with, or attributable to, such as sale or disposal of leftovers and restoration of the site. If the recovered money is less than the cost incurred, then the Contractor shall pay the outstanding balance to the Employer.

4.12. Measurement and Evaluation

Works to be Measured

The Works shall be measured, and valued for payment, in accordance with this Clause.

Whenever the Engineer requires any part of the Works to be measured, reasonable notice shall be given to the Contractor's Representative, who shall:

- i) promptly either attend or send another qualified representative to assist the Engineer in making the measurement, and
- ii) supply any particulars requested by the Engineer.

If the Contractor fails to attend or send a representative, the measurement made by (or on behalf of) the Engineer shall be accepted as accurate.

Except as otherwise stated in the Contract, wherever any Permanent Works are to be measured from records, these shall be prepared by the Engineer. The Contractor shall, as and when requested, attend to examine and agree the records with the Engineer, and shall sign the same when agreed. If the Contractor does not attend, the records shall be accepted as accurate.

If the Contractor examines and disagrees the records, and/or does not sign them as agreed, then the Contractor shall inform to the Engineer of the respects in which the records are asserted to be inaccurate. Then, the Engineer shall review the records and either confirm or disagree them. If the Contractor does not inform to the Engineer within 14 days after being requested to examine the records, they shall be accepted as accurate.

4.13. Variations and Adjustments

Right to Vary

The Employer may ask for changes in work from that initially specified one in writing at any time before the Taking-Over Certificate is issued. The Employer can do this by giving an instruction or asking the Contractor to suggest a change.

Each Variation may include:

- i) Changing the quantities of any contract assigned work item,
- ii) Changing the quality or features of any given work,
- iii) Changing the levels, positions, or sizes of any part of the work,
- iv) Removing any work (unless someone else will do it),
- v) Adding any work, Plant, Materials, or services needed for the Permanent Works (including tests, boreholes, or other exploration), or any additional work, Plant, Materials or services necessary for the Permanent Works, including any associated Tests on Completion, boreholes and other testing and exploratory work.
- vi) Changing the order or timing of the work.
- vii) The contract quantity/amount may be increased or decreased by up to 10%, as required in a job order under the same terms and conditions.

The Contractor shall not make any alteration and/or modification of the Permanent Works, unless and until the Engineer instructs or approves a Variation.

4.14. Risk and Responsibility

Indemnities

The Contractor shall protect the Employer, the Employer's staff, and their agents from all claims, damages, losses, and expenses (including legal fees) caused by injury, sickness, disease, or death of any person (including railway users) arising from the Contractor's design, work execution, or defect repairs

4.15. Safety and Security during digging work

- i) Before digging, the Contractor must ask the Engineer in writing for permission, and the Engineer will give written permission within 7 days after ensuring the cable route plan is understood.
- ii) After getting permission, the cable route plan will be attached to the permission letter, and the Contractor must study and follow it carefully to protect cables.
- iii) If cables need to be shifted, the Civil Contractor must give at least one week's notice so the work can be planned properly.
- iv) For minor work where cables are not shifted, the Contractor must carefully remove the cable from the trench and place it safely aside before digging, then place it back properly after excavation under the Engineer's supervision.

Penalty to be imposed for damages to cable shall be as under: -

Cable damaged	Penalty per location
Only Quad cable or Signaling cable	Rs.1.0 Lakh
Only OFC	Rs.1.25 Lakh
Both OFC & Quad	Rs.1.5 Lakh
Electrical Cable	Rs.1.0 Lakh

- v) The Contractor will normally use machines for earthwork except where the quantity of earthwork is very small.
- vi) The Contractor must follow all safety rules and technical caution, including cable protection measures and proper refilling of trenches.

5. Special Conditions

5.1. Method of Payment:

After the submission of the Quantity bill by the contractor it will be checked & certified by EE/Engineer GSV. Payment for the work done will be made only after confirmation by FIC(Civil), Gati Shakti Vishwavidyalaya, Vadodara.

5.2. Issue of Job work order:

The Job order will be issued for every work, which will be prepared by the GSV Engineer, and subsequently verified and signed by the FIC (Civil) with the approval of competent authorities.

5.3. Variation in Quantities:

The GSV Administration reserves the right to modify the quantity from time to time according to the scope of the work.

5.4. Error/omission and Discrepancies in the tender document:

The tenderer shall not take advantage of any error due to typing or otherwise, if there is any doubt, that shall be brought to the notice of GSV without delay and the same shall be dealt with as per GSV's requirement and GSV's advantage only.

5.5. Completion Period of the contract:

The given completion period of the contract will be counted from the date of issue of LOA of the work and it may be extended up to one year if both parties agree to continue the contract on same rates & terms and conditions.

- i) Tender can be canceled at any stage without offering any reason before issuing LOA.
- ii) Termination of Contract: GSV may terminate the contract for Contractors default, or the Contractor may terminate for the default of GSV, as set out below. Termination shall not relieve either party of obligations or liabilities accrued prior to the date of termination.

5.6. Grounds for Termination by GSV (Contractor Default)

Sr. No.	Ground for Termination	Notice Period to Cure	Termination Notice Period
1	Contractor fails to start/complete work within the time period specified in the contract or any granted extension.	7 days show-cause notice	14 days
2	Work/material/workmanship found substandard or not as per specification, drawing or instruction of Engineer-in-Charge, and not rectified.	7 days show-cause notice	14 days
3	Contractor abandons work or suspends progress continuously for 7 days without consent of Engineer-in-Charge and without reasonable cause.	7 days show-cause notice	14 days
4	Giving sub-contract is a breach of tender agreement	Nil	Immediate
5	Contractor engages in corrupt, fraudulent or unethical practice (bribery, misrepresentation, collusion, coercion).	Immediate notice (no cure period)	14 days
6	Contractor becomes bankrupt/insolvent, goes into liquidation, or makes assignment for benefit of creditors.	Immediate notice (no cure period)	14 days
7	Contractor fails to comply with statutory labour law obligations (minimum wages, PF, ESIC etc.).	7 days show-cause notice	14 days

5.7. Penalty / Recovery Amounts

The amounts indicated below are approximate and indicative of the recoveries/penalties that may apply on termination or default; actual recovery shall be as per measured/assessed loss, contract value, EMD/PBG amount fixed in the NIT, and as decided by the Competent Authority.

Sr. No.	Default/Event	Approx. Penalty/Recovery	Basis
1	Delay in completion of work beyond scheduled/extended period (Liquidated Damages).	0.5% of contract value per week of delay, subject to a maximum of 10% of contract value.	Contract Value
2	Risk and cost recovery - extra expenditure incurred by GSV to get balance work completed through another agency.	Actual difference between cost of completion and amount payable to original Contractor at contract rates.	Actuals, recoverable as debt

5.8. Termination for GSV's Convenience

GSV may, at any time, terminate the contract for its own convenience, whether or not the Contractor is in default, by giving thirty (30) days written notice to the Contractor. The Contractor shall be paid for work actually executed and duly measured/certified up to the date of termination, along with the cost of materials reasonably procured and lying at site, subject to verification by the Engineer-in-Charge. No claim for loss of anticipated profit on the unexecuted portion of work or any other compensation shall be admissible.

6. Eligibility and Pre-Qualification Criteria

Bidders shall fulfill the following criteria to bid and they must enclose their supporting documents along with the technical bid. Any bidder not fulfilling any of the criteria or not attached duly supported documents shall be out-rightly rejected and the bid shall not be considered for further evaluation.

Sl. No.	Criterion	Documents to be provided
1	The bidder's firm/ company/ partnership/ proprietorship firm shall be registered under the Indian Companies Act, 1956/ the partnership Act, 1932 and who have their registered offices in India.	Copy of Certificate of incorporation and/or Partnership Deed. (As the case may be)
2	Bidder shall have a minimum average annual turnover of Rs. 2.5 crores for the last three years exclusively in civil construction works. For this purpose, last three financial year would be considered.	To be certified & validated by Chartered Accountant (CA) of the bidder's organization with name of CA, registration number, signature and stamp. With Audited Balance Sheet in support of the same
3	The bidder must have a positive net worth	Balance Sheet Certified by chartered accountant.
4	Bidder should be registered with Income Tax and Goods & Service Tax departments.	(a) Attested copy of PAN Card (b) Attested copy of Goods & Service Tax registration certificate
5	The bidder or any of its partners/ directors, etc should not have been black listed/debarred by any of the government agencies or department or should not have been found to be guilty of moral turpitude or convicted of any economic offense or with violation of any labour laws, etc by any court or any authority appointed to enforce any labour laws or regulations.	Self-Declaration in the form Appendix-'A'

Sl. No.	Criterion	Documents to be provided
6	The bidder must establish an office for supervision of work in Vadodara, Gujarat, with one month after the award of the contract. This office must be capable of responding to calls from GSV within 2 hours to resolve any issues at the earliest possible time.	
7	The tenderer must have successfully completed any of the following during last 05(five) financial years, ending last day of month previous to the one in which tender is invited: Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or One similar work each costing not less than the amount equal to 60% of advertised value of the tender.	The contractor will have to furnish Satisfactory work completion certificate of concerned contract from concerned organization for verification of successful / satisfactory completion of Civil works.
8	In case the bidder has work in GSV Vadodara in the past, the work should have been satisfactorily completed.	A certificate of satisfactory works completion only from competent authority of GSV Vadodara must be attached; else, the bid will be technically rejected.
9	Bidder should accept all the tender conditions unconditionally and sign all the pages of the tender document to this effect. The bidder shall specify an authorized representative with written power of attorney of the signatory of the bid to commit the bidder.	All the pages of the tender document should be signed by the bidder. Power of attorney / authorization along with Name, contact details and designation of the representative, duly signed by the proprietor / all the partners / the board (as the case may be) must be submitted along with the technical bid.

7. Earnest Money Deposit (EMD)

The tenderer shall deposit Earnest Money Deposit in the form of FDR in favour of Gati Shakti Vishwavidyalaya, Lalbaug, Vadodara. The EMD shall be valid for a period of 45 days beyond the validity of offer i.e. (180 Offer Valid days +45 EMD validity = Total 225 days). If Tenderer doesn't enclose the requisite EMD as mentioned above along with tender, the bid will be summarily rejected.

The EMD shall be forfeited in the event of: (i) withdrawal of the bid; (ii) submission of false documents; (iii) refusal to sign the agreement; or (iv) refusal to submit the Performance Bank Guarantee (PBG).

8. Performance Bank Guarantee (PBG)

- i) The Successful bidder must provide a Security Deposit cum Performance Bank Guarantee (SD-cum-PBG) worth 5 % of the total order value. The guarantee must be valid for the entire contract period plus Six extra months. This must be submitted within 15 days of receiving the order or Letter of Award (LOA). GSV will not pay any interest on this deposit, and the bidder cannot ask for interest.
- ii) The SD-cum-PBG will be returned to the bidder only after the bidder has completed the entire contract as per GSV's requirements and within the specified time.
- iii) The SDPBG will be taken (forfeited) if the bidder fails to follow any terms or conditions of the contract.
- iv) If the bidder fails to complete the work on time, GSV may get the remaining work done from another source. Any extra cost incurred will be recovered from the bidder's PBG or pending bills or both, if the additional cost is more than the PBG amount.
- v) If the Successful Bidder fails to submit the Security Deposit cum Performance Bank Guarantee (SD-cum-PBG) or sign the contract agreement within 15 days of the Letter of Award (LOA), the GSV reserves the right to reject the bid.

9. Schedule of work

GENERAL CIVIL & MAINTENANCE WORKS OF GSV CAMPUS AS PER REQUIREMENT FOR THE YEAR 2026-2028.			
Sr. No.	Schedule	Description	Amount
1	A	Day To Day Civil Maintenance Works of GSV Campus With CPWD Civil DSR-2023.	₹ 4,00,00,000.00
2	B	NS Item	₹ 1,00,00,000.00
Total of NIT Value			₹ 5,00,00,000.00

- Tender for day to day General civil & maintenance works of GSV Campus.
- The work is to be done as per individual Job work order to be issued against the tender.
- The values indicated are tentative, GSV does not guarantee execution of the entire value during the contract period.
- Appropriation of schedule A and B is allowed with the approval of competent authority.

10. Procedure for Issue of Job Work Order

- Engineer of GSV shall prepare a Job Work Order (JWO) as applicable after site measurements. The contractor shall depute his engineer to associate with the representative of GSV to understand the nature/scope of work and the methodology to be followed for execution.
- The JWO shall be sent to the EE/ GSV Engineer, who shall examine it according to the nature of work and justification, and approve the same. The JWO will be issued by FIC (Civil) with the approval of competent authority.
- The contractor shall be informed of the JWO being ready in writing by mail or in person. The contractor shall sign the JWO in token of his acceptance.
- After a Job Work order is issued, the work shall be carried out as per the requirement and time schedule advised by GSV.
- For Job Work, the time period for completion shall be communicated at the time of issuing each Job Work Order. The time period for completion of each Job Order shall be decided by the FIC (Civil). Adequate resources shall be deputed by the contractor so that all Job Works are completed within the stipulated time.
- Extension of time, as required, may be granted for each Job Work individually, as desired by GSV.
- In case of any exigency, GSV reserves the right to close any Job Work at any stage. The contractor shall have no claim whatsoever in such cases.
- All works — whether executed under a Job Work — shall be carried out in accordance with the Specifications and Conditions of tender document/CPWD DSR 2023 (Civil)/NS Items.
- All proposals for individual Job Works shall be submitted with sufficient details. Works involving repairs, construction, roads, and pipelines shall be accompanied with relevant sketches pinpointing the exact location and the type and nature of work required to be carried out. All relevant details shall be prepared and signed by the GSV Engineer and shall be duly countersigned by FIC (Civil).

11. Price Bid (It should be quoted in the financial bid only, not in the technical bid)

GENERAL CIVIL & MAINTENANCE WORKS OF GSV BUILDINGS AS PER REQUIREMENT FOR THE YEAR 2026-2028.					
Sr. No.	Schedule	Zone No.	Amount	Quoted Percentage	Quoted Amount in INR
1	A	Day-To-Day Civil Maintenance Works of GSV Campus (Exterior) With CPWD Civil DSR-2023.	₹ 4,00,00,000.00		
2	B	NS Item	₹ 1,00,00,000.00		
Total Amount in Rs			₹ 5,00,00,000.00		
Total Amount (in words):					

Note: All terms and conditions shall be as per the CPWD DSR 2023 and the tender documents.

- The rates quoted by the bidder shall be a single percentage Above/Below/At Par on the CPWD DSR-2023 rates. Payment shall be regulated strictly in accordance with the provisions and rate analysis of the relevant DSR item. Wherever the DSR item/rate is inclusive of Contractor's Profit, Overheads and GST, no separate payment on these accounts shall be admissible. Wherever the DSR item/rate provides for Contractor's Profit, Overheads and/or GST separately or excludes any such component, payment shall be made only to that extent as provided in the CPWD DSR-2023.
- NS items rates are inclusive of all taxes and charges.
- Equivalent makes in NS item; vender has to take approval of Engineer incharge (FIC Civil).

12. Details about the Bidder

1.	Name and address of bidder	
2.	Telephone No./Fax No./email address of the bidder	
3.	Legal status (Attach copies of original document defining on the legal status). A proprietary Firm A Firm in partnership A limited company or corporation.	
4.	Particulars of registration with registrar of companies ESI, EPF, Goods & Service Tax etc. (Attach attested photocopies) Registration Number Place of Registration	
5.	Name and title of Directors and officers with designation who will be directly concerned with this work.	
6.	Have you or your constituent partner(s) been debarred / blacklisted from tendering in any organization at any time? If so, give details.	
7.	Any other information considered necessary but not included above.	

Appendix-'A'

SELF-DECLARATION – NO BLACKLISTING

Date:

Registrar

GSV, Vadodara

Dear Sir,

Ref: Tender No_____for providing Civil work to GSV Vadodara.

In response to the Tender Document for providing Civil to GSV Vadodara,
I/ We hereby declare that presently our Company/ firm (name)

_____ is having unblemished
record and is not declared ineligible on account of corrupt / fraudulent
practices either indefinitely or for a particular period of time by any State/
Central Government/ PSU/Autonomous Body.

We further declare that presently our Company/ firm/associate is not
blacklisted or debarred and not declared ineligible for reasons other than
corrupt / fraudulent practices by any State/ Central Government/ PSU/
Autonomous Body on the date of Bid Submission including violation of
relevant labour laws.

If this declaration is found to be incorrect then without prejudice to any
other action that may be taken, our security may be forfeited in full and the
bid, may be cancelled at any stage and the contract may be terminated and
we shall be debarred from bidding in future against any other tender.

Yours faithfully,

Place:

Signatures

Date:

Name

Seal of the Organization

Experience Details (Completion certificate)

Sl. No.	Year	Name of the Client	Order No. & Date	Date of completion of work	Contract value	No. of personnel	Remark
							Supporting documents are to be attached. The document produced shall indicate satisfactory completion wherever completed the contract period.

Date and place with seal

Name, signature of the authorized representative
of the bidder

Running Project (contract) Details:

Sl. No.	Name of the Client & Mobile No.	Order No. & Date	Contract value per year	No. of personnel deployed	Remarks
1					Supporting documents to be attached.
2					

Date and place with seal

Name, signature of the authorized representative of the bidder

Annual Turnover Details:

Evaluation Criteria			Remarks
Bidder's Annual Turnover Certificate from Chartered Accountant for providing similar service in last three financial years	Financial Year	Turnover in Rs.	
	2023-24		Supporting Documents to be attached.
	2024-25		
	2025-26		
Average of 03 years			

Date and place with seal

Name, signature of the authorized representative of the bidder

Schedule B (NS Items)

Schedule B					
GENERAL CIVIL & MAINTANANCE WORKS OF GSV CAMPUS AS PER REQUIREMENT FOR THE YEAR 2026-2028					
Sr. No.	NS No.	Description	Qty	Unit	Rate
1	NS/1	Providing and applying Asian Paints/ICI/Burger make internal paint of approved shade filling the dents with approved jotun filler putty, gypsum / or approved crack filler, binder, cleaning and making the surface dust free, preparing surfaces, applying a coat of sealer or primer as per the manufacturers specifications, applying two under coats and one finished coat of paint to achieve the required finish including all staging, scrapping the existing paint, scaffolding, cleaning, work platform painting equipment / apparatus etc. complete as per detail drawing, as specified and as directed by Representative of Engg.In Charge.	1	Sqm	292.00
		For walls & ceiling			
2	NS/2	Providing and applying Texture paint of approved texture & shade filling the dents with approved filler putty, gypsum / or approved crack filler, binder, cleaning and making the surface dust free, preparing surfaces, applying a coat of sealer or primer as per the manufacturers specifications, applying two under coats of Nitco or equivalent make exterior Putty and one finished coat of Apex paint of Asian/ICI/Burger make to achieve the required finish including scrapping the existing paint, scaffolding, cleaning etc. complete as per detail drawing, as specified and as directed by Representative of Engg. In-Charge.	1	Sqm	1148.00

3	NS/3	Providing and fixing WALL HUNG TYPE wash down water closet (European type W.C.pan) HINDWARE/CERA or equivalent approved make of approved shade with seat cover, P OR S Trap, CP brass hinges and rubber buffers and jointing the trap with soil pipe in cement mortar: 1:1 (1 cement: 1 fine sand) including cutting and making good the walls and floors where required with all labour and materials. All works are carried as per instruction and direction of Representative of Engg.In Charge	1	Nos	12600.00
4	NS/4	Providing and Fixing charges of 2 way Bib cock.	1	Nos.	2650.00
		Bib Cock : Jaquar/Hans Grohe/Roca make			
		Rate is inclusive of all items mentioned above.			
5	NS/5	Providing & fixing of Hand Shower (Health Faucet), with 8mm Dia,1mtr. Long pvc Tube and Wall Hook accessories to complete the item.	1	Nos	2720.00
		Hand Shower : Jaquar/Hans Grohe/Roca make			
		Rate is inclusive of all items mentioned above.			
6	NS/6	Providing and fixing 037 Bib cock (15 mm dia) of JAQUAR/HINDWARE or equivalent approved make	1	Nos	1400.00
7	NS/7	Supplying and fixing 083 concealed stop cock heavy adjustable wall flange of Jaguar or Similar	1	Each	1260.00
8	NS/8	Providing & fixing CP angular STOP COCK of jaguar or equivalent make.	1	Each	1000.00
9	NS/9	Providing & fixing 15mm CP brass angle valve with CP copper connecting pipe 450 mm long and nuts, washer and brass flange complete, including cutting and making good the wall where required.	1	No.	2300.00
		Angle Valve : Jaquar/Hans Grohe/Roca make			
		Copper Pipe : Jaquar/Hans Grohe/Roca make			
		Rate is inclusive of all items mentioned above.			
10	NS/10	Providing and Fixing CP jalli for Nahani trap.	1	No.	900.00

11	NS/11	Providing and fixing large size flat back urinal of HINDWARE/CERA or equivalent approved make	1	No.	6450.00
12	NS/12	Conversion of Water less urinal by Zerodor installation Kit Technology - Odor Control System in the existing urinal in New Class Room Building at NAIR. Rate is inclusive of all items i.e. Necessary fittings, transportation, labour, finishing if any required, Taxes etc. nothing extra will be paid.	1	Each	16000.00
13	NS/13	Supplying & Fixing flush valve with 32mm control cock & elbow set complete with adjustable sleeve and wall flange. Rate is inclusive of all items mentioned above. Metropole Flush Valve : Jaquar/Hans Grohe/Roca make.	1	nos.	4500.00
14	NS/14	Providing and Fixing charges C.P. Toilet paper holder Toilet Paper : Jaquar/Hans Grohe/Roca make Rate is inclusive of all items mentioned above.	1	nos.	1950.00
15	NS/15	Providing and fixing White glazed vitreous Wash Basin Oval Under-Counter, size 550 x 460 mm, with supporting M.S. or C.I. Brackets, 1 no, 32 mm CP Bottle trap with extension piece to wall flange with rubber adopter for waste connection and waste coupling.; with rack bolt fittings.	1	Nos.	9800.00
		Oval Under Counter Basin : Jaquar/Hans Grohe/Roca make			
		Waste Coupling : Jaquar/Hans Grohe/Roca			
		Bottle Trap : Jaquar/Hans Grohe/Roca make			
		Pillar Cock : Jaquar/Hans Grohe/Roca Long Neck With Aerator			
		Rate is inclusive of all items mentioned above.			
16	NS/16	Providing and Fixings C.P. Soap dish for shower & EWC.	1	Nos.	1580.00
		Shop Dish : Jaquar/Hans Grohe/Roca make			
		Rate is inclusive of all items mentioned above.			

17	NS/17	Providing and fixing granite counter with bull nosing of edge for oval type wash basin including cutting of holes for wash basin but excluding cost of basin. The size and specification shall be as per special condition and / or as directed by representative of Engg.in charge.	1	sqm	8500.00
18	NS/18	Providing fixing, testing and commissioning in position 3 m SWR PVC PIPE TYPE-B ring fit pipe conforming to IS:4985 including all fittings such as bends, junctions, inspection doors, offsets, cowl, access pieces/plugs etc. jointing with solvent cement (lubricant) with o-ring joints including cutting holes in walls and making good the same. (For Toilet Drain)	1	rm	3680.00
		150mm dia.			
19	NS/19	Providing, fixing and jointing unplasticised rigid PVC pipes conforming to IS: 4985 (working pressure 2.5 kg/Sq. cm) including all fittings such as bends, clamps, cowls, supports etc. cost of cutting holes and making good the walls all complete. (RAIN WATER)	1	rm	2150.00
		160 mm dia.			
20	NS/20	Providing and fixing telescopic shower mixer of jaguar or similar	1	Each	12500.00
21	NS/21	Providing and fixing wash basin mixer cock mixer of jaguar or similar	1	Each	7950.00
22	NS/22	Provide and fixing SS wire gauge (Mosquito net) in door and window frame either aluminium or wooden or FRP with necessary fixtures as per instruction of representative of Engg.in charge, Rates includes labour, material, lead and lift and all taxes, nothing extra will be paid.	1	Sqm	1180.00

23	NS/23	UPVC WINDOW : Door / Window frame (Colour profile) having 2 tracks for glass shutter made of uPVC Profile Section of size 62mm x 60mm (wxh) having outer wall thickness of 2.30 mm (+/- 0.2mm) and 3 box multi-chamber construction. Sliding shutter shall be made of 66 mm x 42mm (or 92 mm x 42mm) having outer wall thickness of 2.40mm (+/- 0.2mm). Wherever required/specified, system shall have the sash mullion of size 66mm x 42mm having outer wall thickness of 2.40mm (+/- 0.2mm). All sections of the frame, sash, transom & mullion shall be duly reinforced with G/I/U/O shape galvanised mild steel section considering structural / wind load requirements.	1	sqm	18000.00
		All the corners / mullion / transom joints of the frame & sash shall be mitred cut & fusion welded. All welded joints are to be neatly trimmed & feature grooved/raised nib finish so as to make the finished product free from all sharp edges & burrs. System shall have adequate drainage mechanism to permit the escape of water from horizontal member beneath each sealed unit.			
24	NS/24	Providing and Fixing in position 9" - 12" wide Window Frame with 18 mm thick Granite in two strips, 50 mm overlapping of approved size, colour and shade of standard thickness in approved to true line and level with 1:1 cement grout, filling the joints with white / colour cement including cleaning, watering, curing etc. complete as per detail drawing, as specified and as directed by representative of Engg.in charge.	1	R/m	2435.00
25	NS/25	GLASS DOOR :	1	Sqm	16020.00
		Providing and fixing in position full height toughened glass door with all necessary accessories of SS 304 finish OZONE /DOORMA make by using 12mm thick customized clear toughened glass, edge polished prepared with stainless steel patch fittings with locking arrangement / fixing with clamping connector of SS 304 size 52x52x32 cover of 1.5mm thickness and secured with small L key and ensures that the cover is secure in its place. Each glass panel secured to the floor by			

		stainless steel patch fitting item includes all necessary fitting, fixtures etc. I fixing etc. complete as per specification drawing approval and instructions of the representative of Engg.in charge.			
26	NS/26	Glass Partition: Providing and fixing in position Full height 12mm thick toughened glass partition using SAINT GOBAIN glass top & Aluminium C-channel of size 15mm x 15mm x 2mm at bottom side of approved make as per representative of Engg.in charge's instruction and as per detail drawing. Fixed panels of 12mm thick customized clear toughened glass, edge polished fixing with at top and with Alu. C -Channel at bottom. Each glass panel secured to the top and C -Channel at floor. Item includes all necessary fitting / fixing etc. complete as per drawing, approval and instructions of the representative of Engg.in charge's.	1	Sqm	7800.00
27	NS/27	Providing and fixing 08mm thick cement fibre sheet on existing aluminum frame laying 25 mm glass wool sheet in gap between sheet and existing pannel, fixing cement fibr sheet with self taping screws, applying 'Net' at all joints and filling & finishing of joints with filler cement of approved specification of maunufacturer inclusive of all tools and plants, labours, fittings etc. complete. The rate is also inclusive of all taxes (GST/other taxes applicable), transportations, loading and unloading, stacking etc.	1	Sqm	2120.00

28	NS/28	Providing and fixing 18mm thick flat cement sheet as per IS2096-1992 of reputed ISO firms fixed with structural member by self tapping screws in required shape & size including all tools & plants, scaffolding , lead, lift upto 17m inclusive of all tools & plants, labours, fittings etc. complete . The rate is also inclusive of all taxes (GST/other taxes applicable), transportations, loading & unloading, stacking etc. Note: The payment of structural member shall be separately under relevant CPWD DSR items.	1	Sqm.	2390.00
29	NS/29	Pro & fixing graphic design on glass partition	1	Sqm.	3480.00
30	NS/30	P & F 12mm thk. PVC panelling with laminate as per approved make and shade of ply and laminate complete	1	Sqm.	3650.00
31	NS/31	Providing and fixing serving counter with made from 12mm thk. Ply base with 12mm thk. korean or Artificial stone	1	Sqm.	21000.00
32	NS/32	Rounding of Edges of Granite stone slab with grinding machine or by hand in half round / full round as desired by site Engineer in charge of work	1	rm	210.00
33	NS/33	Mirror polishing of various stone like kota stone, jaisalmair, Mandana, Dholpur etc.as per instruction and direction of Representative of Engg.in charge. Work shall be done as per instructions of Engineer in charge at site.The rate inclusive of cost of materials like wax, labour, Tools & plants, all lead & lift, all taxes etc complete as per instruction of Representative of Engg.in charge.For the successful execution of the work in case electricity is required Railway may provide electricity point, All other arrangements for tools & plants, machinery, labour etc. required shall be done by the contractor for which nothing extra shall be paid.Electricity bill as per power consumption charges and other charges if any as per Railway's Rules and regulations shall be recovered from contractor.Method of working shall be as per specification of Western Railway works Hand Book part III. Payment shall be made in sqm.	1	Sqm	295.00

34	NS/34	Providing & applying Silicon anti fungal water repellent of reputed manufacturer on wall face to protect seepage of water from duct to inside wall. The rate is inclusive of all lead, lift, transportation, tools & plants and taxes completed.	1	Sqm	440.00
35	NS/35	Providing and applying Zycosil penetrative waterproofing compound which is non peel off, non leachable and UV resistant. After application of Zycosil apply one coat of silver paint/Ultima white paint for reflection of sunlight and temperature reduction enhancing life of protective coating. The rate is inclusive of all material, labours, tool & plants, all type of taxes etc., nothing extra shall be paid.	1	Sqm	630.00
36	NS/36	Providing and fixing stone veneer in mint colour of 02mm thick fixed on 18mm thick flat cement sheet with approved adhesive (Turkish) in required pattern as approved by Representative of Engg.in charge at height upto 15 m inclusive of all tools and plants, labour, fittings, etc complete. The rate is also inclusive of all taxes (GST/other taxes applicable), Transportation, Loading and unloading, stacking etc.	1	Sqm	4600.00

37	NS/37	UPVC European style CASEMENT Openable two shutters WINDOW : Providing and fixing "U-PVC" European style Casement windows with Window frame white color profile , having outer frame section of PC- 60-2 of size 60 mm x 60 mm having outer wall thickness of 2.50 mm (+/- 0.2mm) and 3 box multi chamber construction. Two openable shutters shall be made of 80 mm x 60 mm having outer wall thickness of 2.40 mm (+/- 0.2 mm). with sash bar in required number as per drawing out of SASH-PC 60-6, and Georgian bar-PJ- 16 with casement ESPAG Handle wherever required, system shall have the sash mullion of size 60 mm x 42 mm having outer wall thickness of 2.40 mm (+/- 0.2mm). (continuation on next page) (continued from previous page) All sections of the frame, sash, transom & mullion shall be duly reinforced with G/J/U/O shape galvanized mild steel section/ UPVC reinforcements ribs considering structural/ wind load requirements. All the corners/mullion/ transom joints of the frame and sash shall be mitered cut & fusion welded. All welded joints are to be neatly trimmed and feature grooved/raised nib finish so as to make the finished product free from all sharp edges and burrs. System shall have adequate drainage mechanism to permit the escape of water from horizontal member beneath each shield unit. All-inclusive sealant, 4 mm thick frosted/plain glass, fixing at all height, scaffolding etc. all components.	1	Sqm	18000.00
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38	NS/38	UPVC European style CASEMENT Arched profile with Openable two shutters WINDOW :Providing and fixing "U-PVC" Casement windows with Window frame white color profile , having outer frame section of PC- 60-2 of size 60 mm x 60 mm having outer wall thickness of 2.50 mm (+/- 0.2mm) and 3 box multi chamber construction. Profiles in arch profile as per site requirement and detail design. two openable shutters shall be made of 80 mm x 60 mm having outer wall thickness of 2.40 mm (+/- 0.2 mm). with sash bar in required number as per drawing out of SASH-PC 60-6, and Georgian bar-PJ- 16 with casement ESPAG Handle wherever required, system shall have the sash mullion of size 60 mm x 42 mm having outer wall thickness of 2.40 mm (+/- 0.2mm). All sections of the frame, sash, transom & mullion shall be duly reinforced with G/J/U/O shape galvanized mild steel section/ UPVC reinforcements ribs considering structural/ wind load requirements.	1	Sqm	19900.00
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39	NS/39	UPVC European style CASEMENT Circular profiled WINDOW : Providing and fixing “U-PVC” Casement windows with Window frame white color profile , having outer frame section of PC- 60-2 of size 60 mm x 60 mm having outer wall thickness of 2.50 mm (+/- 0.2mm) and 3 box multi chamber construction. Profiles in circular profile as per site requirement and detail design. two openable shutters shall be made of 80 mm x 60 mm having outer wall thickness of 2.40 mm (+/- 0.2 mm). with sash bar in required number as per drawing out of SASH-PC 60-6, and Georgian bar-PJ- 16 with casement ESPAG Handle wherever required, system shall have the sash mullion of size 60 mm x 42 mm having outer wall thickness of 2.40 mm (+/- 0.2mm). aal sections of the frame, sash, transom & mullion shall be duly reinforced with G/J/U/O shape galvanized mild steel section/ UPVC reinforcements ribs considering structural/ wind load requirements. All the corners/mullion/ transom joints of the frame and sash shall be mitered cut & fusion welded. All welded joints are to be neatly trimmed and feature grooved/raised nib finish so as to make the finished product free from all sharp edges and burrs. System shall have adequate drainage mechanism to permit the escape of water from horizontal member beneath each shield unit. All-inclusive sealant, 4 mm thick frosted/plain glass, fixing at all height, scaffolding etc. all components.	1	Sqm	24800.00
40	NS/40	Providing and fixing sand stone / white marble balusters in front elevation including all labour, material etc. of approved design and pattern to have proper fixing with the structural frame including scaffolding at all height cleaning and finishing complete. (Excluding Cement it shall be paid in regular schedule)	1	Each	2480.00
41	NS/41	Providing teak wood sand stone cladding to wall at all height of 16 -18mm thick in desired pattern and size including all labour and scaffolding at all height complete. (Excluding Cement it shall be paid in regular schedule)	1	Sqm	6200.00

42	NS/42	Providing and finishing Italian style Terracotta Rendering in Open to sky court yard as per the architectural drg. Including all material and scaffolding etc at all height complete. (Excluding Cement it shall be paid in regular schedule)	1	Sqm	6450.00
43	NS/43	Providing and fixing Roller venetian blinds of approved design and pattern (nice window brand), blind of existing window of rooms, common rooms etc. The rate is inclusive of all material, accessories, stitching, fixing, tools & plants, lead, lift, transportation, all taxes etc, nothing extra will be paid.	1	Sq.M.	3280.00
44	NS/44	Providing & Fixing FRP Caps for Pillar tops the rate is inclusive of all labours, materials, tools and plants, fixtures, transportation charges etc. nothing will be paid	1	Each	7980.00
45	NS/45	Providing & Fixing 12mm thick toughend glass sliding door with fixed pannels with SS channel and guide rail, SS handles, Bracket, Lock and screw etc. complete nothing extra will be paid.	1	Sq.M.	19500.00
46	NS/46	Providing and applying clear PU coating over sand stone cladding. The rate is inclusive of Labour, T&P, Material transportation, lead, lift and all types of taxes etc. nothing extra will be paid	1	Sq.M.	880.00
47	NS/47	Providing and applying exterior paint over sand stone veneer for uniformity and protect from environmental attack. The rate is inclusive of labour, T&P, material transportation, lead, lift and all types of taxes etc. nothing extra will be paid	1	Sq.M.	265.00
48	NS/48	Providing & fixing nylon Bird net in open to sky area in NRTI Acedemic building to protect the entry of Birds from out side. The rate is inclusive of labour, T&P, material transportation, lead, lift and all types of taxes etc. nothing extra will be paid	1	Sq.M.	148.00

49	NS/49	Providing and fixing temporary partition protection wall of 8mm thick cement sheet and GI frames. After completion of work the wall will be dismantled and 8 mm sheet and GI frames will be property of contractor. The rate is inclusive of labour, T&P, material transportation, lead, lift and all types of taxes etc. nothing extra will be paid	1	Sq.M.	980.00
50	NS/50	Providing and fixing wooden ceiling made of 12mm ply wood and fixed with designers Veneer as per approved drawing and melamine polish etc	1	SQM	14600.00
51	NS/51	Providing and fixing approved designer laminates minimum 1 mm thick on ready partition on both side as per approved design .	1	SQM	5650.00
52	NS/52	Providing and fixing approved designer laminates minimum 1 mm thick on ready partition one side as per approved design .	1	SQM	2980.00
53	NS/53	Providing and fixing approved designer laminates minimum 1 mm thick as approved by GSV and 8mm ply on one side of ready aluminum partition with design as per drawing.	1	SQM	4200.00
54	NS/54	Providing and fixing approved Minimum 3 mm thick veneers on one side of ready aluminum /wooden partition with design and melamine polish as per drawing.	1	SQM	7750.00
55	NS/55	Providing and fixing approved designers minimum 1 mm thick sunmica over grid of 18mm ply size made of 57x54 mm for ceiling with all etc as per design.	1	SQM	8500.00
56	NS/56	Providing and fixing 12mm thick fixed toughened glass partition including frame and all necessary fittings etc complete	1	SQM	8340.00
57	NS/57	Providing and fixing sliding and folding/sliding door partition in 10 mm thick clear toughened glass, top hung. without bottom track with all complete. The partition will be fixed on ready plywood frame work fixed from ceiling on standard channel system with all fittings etc. complete.	1	SQM	44380

58	NS/58	Cleaning of PVC Tanks (terrace/loft water storage tank) of inside surface area 2001 litres to 5000 litres capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account).	1	Per liter	0.24
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SPECIFICATION OF CEMENT

(A) The cement used shall be any of the following and type selected should be appropriate for the intended use.

- (i) 33 Grade Ordinary Portland Cement conforming to IS: 269
- (ii) 43 Grade Ordinary Portland Cement conforming to IS: 8112
- (iii) 53 Grade Ordinary Portland Cement conforming to IS: 12269
- (iv) Rapid hardening Portland Cement conforming to IS: 8041
- (v) Portland slag cement conforming to IS: 455
- (vi) Portland pozzolona Cement (Fly ash based) conforming to IS: 1489(Part-1)
- (vii) Portland pozzolona Cement (calcined clay based) conforming to IS:1489(Part-2)
- (viii) Hydrophobic Cement Conforming to IS:8043
- (ix) Low heat Portland cement conforming to IS:12600
- (x) Sulphate resisting Portland cement conforming to IS:12330

(B) The cement shall be packed in jute sacking bags conforming to IS:2580-1982, double hessian bituminized (CRI type) or woven HDPE conforming to IS:11652-1986 woven

polypropylene conforming to 1S:11653-1986, jute synthetic union conforming to 1S:12174- 1987, or any other approved composite bags, bearing the manufacturers name or his registered trade mark if any, and grade and type of cement.

(C) Every delivery of cement shall be accompanied by a producer's certificate confirming that the supplied cement conforms to relevant specification. These certificates shall be endorsed to the Engineer for his record. Certified copy of the same shall be submitted to GSV Office along with running bills/final bills.

(D) Every consignment of cement must have identification marks on packages indicating date of manufacture and grade and type of cement. Cement when brought to work shall not be more than 6 weeks old from the date of manufacture. In case due to some reason it is not Possible to use the cement within three months then it should be ensured that older lot is used in the lean concrete or other unimportant items of work. Effective precautionary measures shall be taken to eliminate dust nuisance during loading or transferring cement.

The procurement of cement shall be planned by the contractor this does not affect the progress of work.

(E) Cement in bags shall be stored and stacked in a shed which is dry, leak proof and as moisture proof as possible. Flooring of the shed shall consist of the two layers of dry bricks laid on well consolidated earth to avoid contact of cement bags with the floor. Stacking shall be done about 150 to 200mm clear above the floor using wooden planks, old wooden sleepers or scrap GI sheets. Cement bags shall be stacked at least 450mm clear of the walls and in rows of two bags leaving in a space of at-least 600mm between two consecutive rows. In each row the cement bags shall be kept close together so as to reduce air circulation. Stacking shall not be more than 10 bags high to avoid lumping under Pressure. In stacks more than eight bags high, the cement bags shall be arranged in header and stretcher fashion, i.e. alternately lengthwise and crosswise so as to tie the stacks together and minimize the danger of toppling over.

(F) Different type of cement shall be stacked and stored separately. Cement bags shall be stacked in a manner to facilitate their removal and use in the order in which they are received.

For extra safety during monsoon, or when cement is expected to be stored for an unusually long period, each stack shall be completely enclosed by a water proofing membrane, such as polyethylene/tarpaulin, which shall cover the top of the stack. Care shall be taken to see that the water proofing membrane is not damaged at any time during use. Cement which is set or partially set should on no account be used. Storage of cement at the worksite shall be at the contractor's expense and risk. Any damage occurring to cement due to faulty storage in contractor's shed or on account of negligence on his part shall be the liability of the contractor.

(G) After receipt of each lot of cement at go-down a sample of cement at the direction of Engineer in charge shall be tested at contractor's own cost for (a) Fineness, (b) Soundness, (c) Setting time (initial and Final), (d) Compressive strength & (e) consistency of standard cement paste as prescribed in IS code) IS:4031 Part-II, Part-II, Part-V & Part-VI for each lot or every 50 tonnes or part thereof. Only on receipt of satisfactory certificates this cement shall be allowed to be used on the work. Certified copy of the same shall be submitted to GSV along with running bills/final bills.

(H) "Cement shall be procured/purchased from cement factories/authorized dealers/retailers from various popular brands e.g. Ambuja, Binani, Sanghi, J.K., J.K.laxmi, Hathi, Kamal, Ultratech, Jaypee. (Any relaxation in these cement brands should require prior approval of tender accepting authority) The contractor shall have to submit the cash memo along with the lot of cement purchased from the various cement factories/authorized dealers/retailers to Engineer in Charge in token proof of purchase of cement from reputed cement factories/authorized dealers/retailers. No cement shall be accepted by the Engineer in charge without cash memo. Certified copy of the same shall be submitted to GSV along with running bills/final bills"

(I) Although cement payment is in MT as per item of tender, total quantities so paid shall be limited to quantity actually used in work, subject to further not exceeding the quantity laid down CPWD Specifications whichever is less.

(J) No payment shall be made for the cement used in works rejected by Engineer. All empty bags shall be taken away by the contractor after use of cement and cost of empty cement bags shall not form part of quoted rates against the item of cement.

(K) Cement consumption register shall be meticulously maintained giving quantity of work done/consumption of cement of each day.

(L) Cement bags left after completion of work shall be taken away by the contractor and GSV shall not make any payment against these bags.

SPECIFICATION OF STEEL ITEMS

REINFORCEMENT STEEL (TMT BARS) AND STRUCTURAL STEEL

(A) All Reinforcement Steel (TMT Bars) and structural Steel shall be procured as per specifications mentioned in BIS's Documents-IS:1786 and IS:2062 respectively. Independent tests shall be conducted, wherever required, to ensure that the materials procured conform to the specifications.

(B) Steel shall be procured only from those firms, which are established, reliable, indigenous and Primary producers of steel, having integrated steel plants (ISP), using iron ore as the basic raw material and having in-house iron rolling facilities, following by production of liquid steel and crude steel, as per Ministry of Steel's guidelines i.e. "SAIL / TISCO / JINDAL / RINL/ ESSAR /ISCO and for Reinforcement steel (TMT Bars) only i.e. SRMB / JINDAL PANTHER", NAKODA TMT / ADHUNIK TMT / SHYAM / ELECTROSTEEL / SUPER SHAKTI / AF STAR / GOEL TMT /NEOSTEEL / GK TMT / RASHMI / RELIABLE / MSP TMT / BALAJI SHAKTI / NANDAN TMT / ET TMT / SEL/ V-XEGA etc.". or any brand approved by RDSO subsequently.

(C) However, only certain isolated sections of structural steel, not being rolled by ISPs, can be procured from the authorized re-rollers of ISPs or authorized licensee of BIS having traceability system and who use billets produced by ISPs.

(D) The steel procured shall be reasonably free from cracks, surface flaws, laminations, rough and imperfect edges and all other harmful defects. Steel sections, shall be free from excessive rust, scaling and pitting and shall be well protected. The decision of the Engineer regarding rejecting any steel section on account of any of the above defects shall be final and binding.

(E) Structural steel work shall conform to the requirement as specified in CPWD Specifications.

(F) Necessary purchase bill along with test certificate for steel shall be obtained and submitted to the Engineer in Charge. Steel without the test certificate from approved laboratory/Engineering college shall not be used in the work. Certified copy of the same shall be submitted to GSV Office along with running bills/final bills. Steel shall be tested for Tensile strength and bend test as per IS:1599 as specified in CPWD Specifications.

(G) Quantity for this item shall be calculated as per nominal weight of steel section for the length actually used in the work. No payment will be made for the wastage and the contractor will be allowed to take away the scrap and excess steel away from site.

(H) The contractor shall be responsible for getting the measurement of steel entered in

to steel register and signed by the Engineer in charge of the work before concreting is done to avoid dispute regarding quantity of steel used in the work.

(I) The rates quoted for this item is deemed to be inclusive of the cost of binding wire and no separate payment shall be admissible for the same.

(J) The steel shall be kept by the contractor under his custody at the site of work and GSV will not be responsible for any theft thereof.

(K) The quantity so payable under relevant item shall be restricted to the quantity as per approved plan/drawing and decision of the Engineer in Charge in this regard shall be final and binding upon the contractor.

SPECIFICATIONS OF NS ITEMS:

Schedule B: NS Items:

NS-1 Providing and applying Asian Paints/ICI/Burger make internal paint of approved shade filling the dents with approved jotun filler putty, gypsum / or approved crack filler, binder, cleaning and making the surface dust free, preparing surfaces, applying a coat of sealer or primer as per the manufacturers specifications, applying two under coats and one finished coat of paint to achieve the required finish including all staging, scrapping the existing paint, scaffolding, cleaning, work platform painting equipment / apparatus etc. complete as per detail drawing, as specified and as directed by Representative of Engg. In Charge. For walls & ceiling.

NS-2: Providing and applying Texture paint of approved texture & shade filling the dents with approved filler putty, gypsum / or approved crack filler, binder, cleaning and making the surface dust free, preparing surfaces, applying a coat of sealer or primer as per the manufacturers specifications, applying two under coats of Nitco or equivalent make exterior Putty and one finished coat of Apex paint of Asian/ICI/Burger make to achieve the required finish including scrapping the existing paint, scaffolding, cleaning etc. complete as per detail drawing, as specified and as directed by Representative of Eng. in charge.

NS-3: Providing and fixing WALL HUNG TYPE wash down water closet (European type W.C. pan) HINDWARE/CERA or equivalent approved make of approved shade with seat cover, P ORS Trap, CP brass hinges and rubber buffers and Jointing the trap with soil pipe in cement mortar: 1:1(1 cement: 1 fine sand) including cutting and making good the walls and floors where required with all labour and materials. All works are carried as per instruction and direction of Representative of Engg.in Charge.

NS-4: Providing and fixing charges of 2-way Bib cock. Bib Cock: Jaquar/Hans Grohe/Roca make. Rate is inclusive of all items mentioned above. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-5: Providing & fixing of Hand Shower (Health Faucet), with 8mm Dia, 1mtr. Long pvc Tube and Wall Hook accessories to complete the item. Hand Shower: Jaquar/Hans Grohe/Roca make. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-6: Providing and fixing 037 Bib cock (15 mm dia) of JAQUAR/HINDWARE or equivalent approved make. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-7: Supplying and fixing 083 concealed stop cock (15 mm dia) heavy adjustable wall flange of Jaquar or Similar. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-8: Providing & fixing C.P angular STOP COCK of Jaquar 15 mm dia or equivalent make. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-9: Providing & fixing 15mm C.P. brass angle valve with C.P. copper connecting pipe 450 mm long and nuts, washer and brass flange complete, including cutting and making good the wall where required. Angle Valve: Jaquar/Hans Grohe/Roca make. Copper Pipe: Jaquar/Hans Grohe/Roca make. Rate is inclusive of all items mentioned above.

NS-10: Providing and Fixing CP jalli for Nahani trap. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-11: Providing and fixing large size flat back urinal of HINDWARE/CERA or equivalent approved make. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-12: Conversion of Water less urinal by Zerod or installation Kit Technology - Odour Control System in the existing urinal in New Class Room Building at GSV. Rate is inclusive of all items i.e. Necessary fittings, transportation, labour, finishing if any required, Taxes etc. nothing extra will be paid.

NS-13: Supplying & fixing flush valve with 32mm control cock & elbow set complete with adjustable sleeve and wall flange. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid. Metropole Flush Valve: Jaquar/Hans Grohe/Roca make.

NS-14: Providing and Fixing charges C.P. Toilet paper holder Toilet Paper: Jaquar/Hans Grohe/Roca make Rate is inclusive of all items mentioned above. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-15: Providing and fixing White glazed vitreous Wash Basin Oval Under-Counter, size 550 x 460 mm, with supporting M.S. or C.I. Brackets, 1 no, 32 mm CP Bottle trap with

extension piece to wall flange with rubber adopter for waste connection and waste coupling; with rack bolt fittings. Oval Under Counter Basin: Jaquar/Hans Grohe/Rocamake Waste Coupling: Jaquar/Hans Grohe/Roca

Bottel Trap: Jaquar/Hans Grohe/Roca make Pillar Cock: Jaquar/Hans Grohe/Roca Long Neck with Aerator Rate is inclusive of all items mentioned above.

NS-16: Providing and Fixings C.P. Soap dish for shower & EWC. Shop Dish: Jaquar/Hans Grohe/Roca make. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-17: Providing and fixing granite counter with bull nosing of edge for oval type wash basin including cutting of holes for wash basin but excluding cost of basin. The size and specification shall be as per special condition and / or as directed by Representative of Engg.in charge.

NS-18: Providing fixing, testing and commissioning in position 3 Mtr. SWR PVC PIPE TYPE-B ring fit pipe conforming to IS:4985 including all fittings such as bends, junctions, inspection doors, offsets, cowl, access pieces/plugs etc. jointing with solvent cement (lubricant) with o- ring joints including cutting holes in walls and making good the same. (For Toilet Drain). 150mm dia.

NS-19: Providing, fixing and jointing unplasticised rigid PVC pipes conforming to IS: 4985 (working pressure 2.5 kg/Sq.cm) including all fittings such as bends, clamps, cowls, supports etc. cost of cutting holes and making good the walls all complete. (RAIN WATER) 160mm dia.

NS-20: Providing and fixing telescopic shower mixer of Jaquar or similar. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-21: Providing and fixing wash basin mixer cock mixer of Jaquar or similar. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-22: Provide and fixing SS wire gauge (Mosquito net) in door and window frame either aluminum or wooden or FRP with necessary fixtures as per instruction of Representative of Engg.in Charge, Rates includes labour, material, lead and lift and all taxes, nothing extra will be paid.

NS-23: UPVC WINDOW:

Door / Window frame (Colour profile) having 2 tracks for glass shutter made of uPVC Profile Section of size 62mm x 60mm (wxh) having outer wall thickness of 2.30mm (+/- 0.2mm) and 3 box multi-chamber construction. Sliding shutter shall be made of 66mm x 42mm (or 92mm x 42mm) having outer wall thickness of 2.40mm (+/- 0.2mm). Wherever required/specified, system shall have the sash mullion of size 66mm x 42mm having outer wall thickness of 2.40mm (+/- 0.2mm). All sections of the frame, sash, transom & mullion shall be duly reinforced with G/I/U/O shape galvanised mild steel section considering structural / wind load requirements. All the corners / mullion / transom joints of the frame & sash shall be mitred cut & fusion welded. All welded joints are to be neatly trimmed & feature grooved/raised nib finish so as to make the finished product free from all sharp edges & burrs. System shall have adequate drainage mechanism to permit the escape of water from horizontal member beneath each sealed unit.

NS-24: Providing and Fixing in position 9"- 12" wide Window Frame with 18 mm thick Granite in two strips, 50mm overlapping of approved size, colour and shade of standard thickness in approved to true line and level with 1:1 cement grout, filling the joints with white / colour cement including cleaning, watering, curing etc. complete as per detail drawing, as specified and as directed by Representative of Engg.in Charge.

NS-25: Providing and fixing in position full height toughened glass door with all necessary accessories of SS 304 finish OZONE /DOORMA make by using 12mm thick customized clear toughened glass, edge polished prepared with stainless steel patch fittings with locking arrangement / fixing with clamping connector of SS 304 size 52x52x32 cover of 1.5mm thickness and secured with small L key and ensures that the cover is secure in its place. Each glass panel secured to the floor by stainless steel patch fitting item includes all necessary fitting, Fixtures, fixing etc. complete as per specification drawing approval and instructions of the Representative of Engg.in charge. The rates of all the items shall be inclusive of materials, screws, nails, adhesives etc. and labour charges for the same. Glass where ever shall be provided shall be of standard make and shall be toughened. The thickness of the glass shall be as specified in the item. The rates include necessary fixtures as required in the items and no additional payment shall be made for this.

NS-26: Providing and fixing in position Full height 12mm thick toughened glass partition using SAINT GOBAIN glass top & Aluminium C- channel of size 15mm x 15mm x 2mm at bottom side of approved make as per representative of Engg.in charge's instruction and as per detail drawing. Fixed panels of 12mm thick customized clear toughened glass, edge polished fixing with at top and with Alu. C -Channel at bottom. Each glass panel secured to the top and C- Channel at floor. Item includes all necessary fitting / fixing etc. complete as per drawing, approval and instructions of the representative of Engg. in charge.

NS-27: Providing and fixing 08mm thick cement fibre sheet on existing aluminium frame laying 25 mm glass wool sheet in gap between sheet and existing panel, fixing cement fibre sheet with self-tapping screws, applying 'Net' at all joints and filling & finishing of joints with filler cement of approved specification of manufacturer inclusive of all tools and plants, labours, fittings etc. complete. The rate is also inclusive of all taxes (GST/other taxes applicable), transportations, loading and unloading, stacking etc.

NS-28: Providing and fixing 18mm thick flat cement sheet as per IS2096-1992 of reputed ISO firms fixed with structural member by self-tapping screws in required shape & size including all tools & plants, scaffolding, lead, lift up to 17m inclusive of all tools & plants, labours, fittings etc. complete. The rate is also inclusive of all taxes (GST/other taxes applicable), transportations, loading & unloading, stacking etc. The payment of structural member shall be separately under relevant CPWD DSR items.

NS-29: Providing & fixing graphic design on glass partition by glass film as per representative of Engg.in charge wherever required as per the instruction or detail drawing complete including all necessary fittings and fixtures. No extra charge shall be paid.

NS-30: This item is for providing and fixing 12mm thk. Ply with laminate as per approved make and shade of ply and laminate. Fixing on wooden member support. Work complete including all fitting, fixtures, 4mm groove, tools, tackles as per the detail drawing and instructions of Representative of Engg.in Charge.

NS-31: This item is for providing and fixing serving counter with made from 12 mm thk ply base with 12 mm thick Korean or Artificial stone of approved make on top, side and front side, including 4 mm ss strips and engraving in fixing of concealed light also finish as suggested by representative of Engg.in Charge. Work complete including all necessary fittings and fixtures and instructions of representative of Engg.in charge. Nothing extra shall be paid.

NS-32: Rounding of Edges of Granite stone slab with grinding machine or by hand in half round/ full round as desired by representative of Engg.in charge.

NS-33: Mirror polishing of various stone like kota stone, jaisalmer, Mandana, Dholpur etc.as per instruction and direction of representative of Representative of Engg.in charge. The rate inclusive of cost of materials like wax, labour, Tools & plants, all lead & lift, all taxes etc. complete as per instruction of Representative of Engg.in charge. For the successful execution of the work in case electricity is required Railway may provide electricity point, all other arrangements for tools & plants, machinery, labour etc. required shall be done by the contractor for which nothing extra shall be paid. Electricity bill as per power consumption

charges and other charges if any as per Railway's Rules and regulations shall be recovered from contractor. Method of working shall be as per specification of CPWD DSR items. Payment shall be made in sqm.

NS-34: Providing & applying Silicon anti-fungal water repellent of reputed manufacturer like Asian paints, perma — Nerolac or equivalent, on wall face to protect seepage of water from duct to inside wall. The rate is inclusive of all lead, lift, transportation, tools & plants, labour and taxes completed.

NS-35: Providing and applying Zycosil penetrative waterproofing compound which is non peel off, non-leachable and UV resistant. After application of Zycosil apply one coat of silver paint/Ultima white paint for reflection of sunlight and temperature reduction enhancing life of protective coating. The rate is inclusive of all material, labours, tool & plants, all type of taxes etc., nothing extra shall be paid.

NS-36: Providing and fixing stone veneer in mint colour of 02mm thick fixed on 18mm thick flat cement sheet with approved adhesive (Turkish) in required pattern as approved by representative of Representative of Engg.in charge at height upto 15 m inclusive of all tools and plants, labour, fittings, etc. complete. The rate is also inclusive of all taxes (GST/other taxes applicable), Transportation, Loading and unloading, stacking etc.

NS-37: UPVC European style CASEMENT Open-able two shutters WINDOW:

Providing and fixing “U-PVC” European style Casement windows with Window frame white colour profile, having outer frame section of PC- 60-2 of size 60 mm x 60 mm having outer wall thickness of 2.50 mm (+/- 0.2mm) and 3 box multi chamber construction. Two open-able shutters shall be made of 80 mm x 60 mm having outer wall thickness of 2.40 mm (+/- 0.2 mm). with sash bar in required number as per drawing out of SASH-PC 60-6, and Georgian bar-PJ- 16 with casement ESPAG Handle wherever required, system shall have the sash mullion of size 60 mm x 42 mm having outer wall thickness of 2.40 mm (+/- 0.2mm). Frame, sash, transom & mullion shall be duly reinforced with G/J/U/O shape galvanized mild steel section/ UPVC reinforcements ribs considering structural/ wind load requirements. All the corners/mullion/ transom joints of the frame and sash shall be mitered cut & fusion welded, All welded joints are to be neatly trimmed and feature grooved/raised nib finish so as to make the finished product free from all sharp edges and burrs. System shall have adequate drainage mechanism to permit the escape of water from horizontal member beneath each shield unit. All-inclusive sealant, 4 mm thick frosted/plain glass, fixing at all height, scaffolding etc. all components. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-38: UPVC European style CASEMENT Arched Profile with Open-able two shutters

WINDOW: Providing and fixing “U-PVC” Casement windows with Window frame white colour profile, having outer frame section of PC- 60-2 of size 60 mm x 60 mm having outer

wall thickness of 2.50 mm (+/- 0.2mm) and 3 box multi chamber construction. Profiles in arch profile as per site requirement and detail design. Two open-able shutters shall be made of 80 mm x 60 mm having outer wall thickness of 2.40 mm (+/- 0.2 mm). with sash bar in required number as per drawing out of SASH-PC 60-6, and Georgian bar-PJ- 16 with casement ESPAG Handle wherever required, system shall have the sash mullion of size 60 mm x 42 mm having outer wall thickness of 2.40 mm (+/- 0.2mm). All sections of the frame, sash, transom & mullion shall be duly reinforced with G/J/U/O shape galvanized mild steel section/ UPVC reinforcements ribs considering structural/ wind load requirements. All the corners/mullion/ transom joints of the frame and sash shall be mitered cut & fusion welded. All welded joints are to be neatly trimmed and feature grooved/raised nib finish so as to make the finished product free from all sharp edges and burrs. System shall have adequate drainage mechanism to permit the escape of water from horizontal member beneath each shield unit. All-inclusive sealant, 4 mm thick frosted/plain glass, fixing at all height, scaffolding etc. all components. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid.

NS-39: UPVC European style CASEMENT Circular profiled WINDOW:

Providing and fixing "U-PVC" Casement windows with Window frame white colour profile, having outer frame section of PC- 60-2 of size 60 mm x 60 mm having outer wall thickness of 2.50 mm (+/- 0.2mm) and 3 box multi chamber construction. Profiles in circular profile as per site requirement and detail design. Two open-able shutters shall be made of 80 mm x 60 mm having outer wall thickness of 2.40 mm (+/- 0.2 mm). with sash bar in required number as per drawing out of SASH-PC 60-6, and Georgian bar-PJ- 16 with casement ESPAG Handle wherever required, system shall have the sash mullion of size 60 mm x 42 mm having outer wall thickness of 2.40 mm (+/- 0.2mm). All sections of the frame, sash, transom & mullion shall be duly reinforced with G/J/U/O shape galvanized mild steel section/ UPVC reinforcements ribs considering structural/ wind load requirements. All the corners/mullion/ transom joints of the frame and sash shall be mitered cut & fusion welded. All welded joints are to be neatly trimmed and feature grooved/raised nib finish so as to make the finished product free from all sharp edges and burrs. System shall have adequate drainage mechanism to permit the escape of water from horizontal member beneath each shield unit. All-inclusive sealant, 4 mm thick frosted/plain glass, fixing at all height, scaffolding etc. all components. This item includes all lead, lift, material, fixtures, replacement of old item etc. complete. Nothing extra shall be paid

NS-40: Providing and fixing sand stone / white marble balusters in front elevation including all labour, material etc. of approved design and pattern to have proper fixing with the structural frame including scaffolding at all height cleaning and finishing complete. (Excluding Cement, it shall be paid in relevant schedule).

NS-41: Providing teak wood sand stone cladding to wall at all height of 16 -18mm thick in desired pattern and size including all labour and scaffolding at all height complete. (Excluding Cement, it shall be paid in relevant schedule).

NS-42: Providing and finishing Italian Style Terracotta Rendering in Open to sky court yard as per the architectural drg. Including all material and scaffolding etc. at all height complete. (Excluding Cement, it shall be paid in relevant schedule).

NS-43: Providing and fixing Roller venetian blinds of approved design and pattern (nice window brand), blind of existing window of rooms, common rooms etc. The rate is inclusive of all material, accessories, stitching, fixing, tools & plants, lead, lift, transportation, all taxes etc., nothing extra will be paid.

NS-44: Providing & Fixing FRP Caps for Pillar tops the rate is inclusive of all labours, materials, tools and plants, fixtures, transportation charges etc. nothing will be paid.

NS-45: Providing & fixing 12mm thick toughened glass sliding door with fixed panels with SS channel and guide rail, SS handles, Bracket, Lock and screw etc. All SS fittings should be grade SS-304 or more complete nothing extra will be paid.

NS-46: Providing and applying clear PU coating over sand stone cladding. The rate is inclusive of Labour, T&P, Material transportation, lead, lift and all types of taxes etc. nothing extra will be paid. The PU coat should be of standard brands.

NS-47: Providing and applying exterior paint over sand stone veneer for uniformity and protect from environmental attack. The rate is inclusive of labour, T&P, material transportation, lead, lift and all types of taxes etc. nothing extra will be paid.

NS-48: Providing & fixing nylon Bird net in open to sky area in GSV Academic building to protect the entry of Birds from outside. The rate is inclusive of labour, T&P, material transportation, lead, lift and all types of taxes etc. nothing extra will be paid. Mesh hole size= 1.25x1.25 inch, UV stabilized, high temperature resistant.

NS-49: Providing and fixing temporary partition protection wall of 8mm thick cement sheet and GI frames. After completion of work the wall will be dismantled and 8 mm sheet and GI frames will be property of contractor. The rate is inclusive of labour, T&P, material transportation, lead, lift and all types of taxes etc. nothing extra will be paid.

NS-50: Providing and fixing wooden ceiling made of 12mm ply wood and fixed with designers Veneer as per approved drawing and melamine polish etc. The plywood shall be of IS! Make and shall be of thickness as given in the item description. The laminates and veneer shall be of the design as directed and selected by the Representative of Engg.in charge. The rates of all the items shall be inclusive of materials, screws, nails, adhesives etc and labour charges for the same. The polish shall be as described in the item. The melamine polish shall be provided with necessary gloss or matt surface as decided by the Representative of Engg.in charge. The rates include necessary fixtures as required in the

items and no additional payment shall be made for this.

NS-51: Providing and fixing approved designer laminates minimum 1 mm thick on ready Partition on both side as per approved design.

NS-52: Providing and fixing approved designer laminates minimum 1 mm thick on ready Partition one side as per approved design.

NS-53: Providing and fixing approved designer laminates minimum 1 mm thick as approved by GSV and 8mm ply on one side of ready aluminium Partition with design as per drawing.

NS-54: Providing and fixing approved Minimum 3 mm thick veneers on one side of ready aluminium /wooden partition with design and melamine polish as per drawing.

NS-55: Providing and fixing approved designers minimum 1 mm thick sunmica over grid of 18mm ply size made of 57x54 mm for ceiling with all etc. as per design.

NS-56: Providing and fixing 12mm thick fixed toughened glass partition including frame and all necessary fittings etc. complete. Glass where ever shall be provided shall be of standard make and shall be toughened. The thickness of the glass shall be as specified in the item. The rates include necessary fixtures as required in the items and no additional payment shall be made for this.

NS-57: Providing and fixing sliding and folding/sliding door partition in 10 mm thick clear toughened glass, top hung. Without bottom track with all complete. The partition will be fixed on ready plywood frame work fixed from ceiling on standard channel system with all fittings etc. complete

Ns-58: Cleaning of PVC Tanks (terrace/loft water storage tank) of inside surface area 2001 litres to 5000 litres capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer-in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account).

**SALIENT FEATURES OF SOME MAJOR LABOUR LAWS APPLICABLE TO ESTABLISHMENTS
ENGAGED IN BUILDING FOR MAINTENANCE AND OTHER CONSTRUCTION WORK**

(The laws as current on the date of bid opening will apply)

- a) **Workmen Compensation Act 1923:** The Act provides for compensation in case of injury by accident arising out of and during the course of employment.
- b) **Payment of Gratuity Act 1972:** Gratuity is payable to an employee under the Act on satisfaction of certain conditions on separation if an employee has completed 5 years' service or more or on death the rate of 15 days' wages for every completed year of service. The Act is applicable to all establishments employing 10 or more employees.
- c) **Employees P.F. and Miscellaneous Provision Act 1952 (since amended):** The Act Provides for monthly contributions by the employer plus workers @ 10% or 8.33%. The benefits payable under the Act are:
 - (i) Pension or family pension on retirement or death, as the case may be.
 - (ii) Deposit linked insurance on the death in harness of the worker.
 - (iii) payment of P.F. accumulation on retirement/death etc.
- d) **Maternity Benefit Act 1951:** The Act provides for leave and some other benefits to women employees in case of confinement or miscarriage etc.
- e) **Contract Labour (Regulation & Abolition) Act 1970:** The Act provides for certain welfare measures to be provided by the Contractor to contract labour and in case the Contractor fails to provide, the same are required to be provided, by the Principal Employer by Law. The Principal Employer is required to take Certificate of Registration and the Contractor is required to take license from the designated Officer. The Act is applicable to the establishments or Contractor of Principal Employer if they employ 20 or more contract labour.
- f) **Minimum Wages Act 1948:** The Employer is supposed to pay not less than the Minimum Wages fixed by appropriate Government as per provisions of the Act if the employment is a scheduled employment. Construction of Buildings, Roads, Runways are scheduled employments.

- g) **Payment of Wages Act 1936:** It lays down as to by what date the wages are to be paid, when it will be paid and what deductions can be made from the wages of the workers.
- h) **Equal Remuneration Act 1979:** The Act provides for payment of equal wages for work of equal nature to Male and Female workers and for not making discrimination against Female employees in the matters of transfers, training and promotions etc.
- i) **Industrial Disputes Act 1947:** The Act lays down the machinery and procedure for resolution of Industrial disputes, in what situations a strike or lock-out becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.
- j) **Industrial Employment (Standing Orders) Act 1946:** It is applicable to all establishments employing 100 or more workmen (employment size reduced by some of the States and Central Government to 50). The Act provides for laying down rules governing the conditions of employment by the Employer on matters provided in the Act and get the same certified by the designated Authority.
- k) **Trade Unions Act 1926:** The Act lays down the procedure for registration of trade unions of workmen and employers. The Trade Unions registered under the Act have been given certain immunities from civil and criminal liabilities.
- l) **Child Labour (Prohibition & Regulation) Act 2016:** The Act prohibits employment of children below 14 years of age in certain occupations and processes and provides for regulation of employment of children in all other occupations and processes and also with the provisions for prohibition on employment of adolescents (14-18 Years) in the scheduled hazardous. Employment of Child Labour is prohibited in Building and Construction Industry.
- m) **Inter-State Migrant workmen's (Regulation of Employment & Conditions of Service) Act 1979:** The Act is applicable to an establishment which employs 5 or more inter-state migrant workmen through an intermediary (who has recruited workmen in one state for employment in the establishment situated in another state). The Inter-State migrant workmen, in an establishment to which this Act becomes applicable, are required to be provided certain facilities such as housing, medical aid, travelling expenses from home up to the establishment and back, etc.

- n) **The Building and Other Construction workers (Regulation of Employment and Conditions of Service) Act 1996 and the Cess Act of 1996:** All the establishments who carry on any building or other construction work and employs 10 or more workers are covered under this Act. All such establishments are required to pay cess at the rate not exceeding 2% of the cost of construction as may be modified by the Government. The Employer of the establishment is required to provide safety measures at the Building or construction work and other welfare measures, such as Canteens, First-Aid facilities, Ambulance, Housing accommodations for workers near the work place etc. The Employer to whom the Act applies has to obtain a registration certificate from the Registering Officer appointed by the Government.

As per Central Government's Notification No.S.O.2899 dated 26.09.1996 under this act, the cess shall be levied @1% of cost of construction works which shall be deducted from each bill of the payment due to the contractor.

- o) **Factories Act 1948:** The Act lays down the procedure for approval at plans before setting up a factory, health and safety provisions, welfare provisions, working hours, annual earned leave and rendering information regarding accidents or dangerous occurrences to designated authorities. It is applicable to premises employing 10 persons or more with aid of power or 20 or more persons without the aid of power engaged in manufacturing process.
- p) **The Employees State Insurance Act, 1948 (Act No. 34 of 1948) (Provisions as extended from time to time):** An Act to provide for certain benefits to employees in case of sickness, maternity and 'employment injury' and to make provision for certain other matters in relation thereto.

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