

Patron
Adoor Gopalakrishnan

Chairman
Jiji Thomson IAS

Executive Director
Gopinath Muthukad

NOTICE INVITING TENDER

Tenders are invited from experienced, financially sound and competent contractors for the following works.

Name of the Work	Buildings for Rehabilitation Centre at International Institute People with Disabilities (IIPD), a unit of Different Art Centre at Nileshwaram, Kasaragod (Civil Work – Excluding Plumbing and Electrical)
Probable Amount of Contract (PAC)	Rs. 2,80,00,000 (Rs. 2.8 Crores)
Period of Completion	6 Months
Earnest Money Deposit	Rs. 5,00,000
Last date of submission of Tender	Up to 5.00 pm of 26 th June 2026
Date of Pre – bid meeting (online)	Time can be decided as per the requirement. Contact Person Mrs. Minu K Mob: +91 9717744896 Email: director.iipd@differentartcentre.com
Date of opening of bid	27 th June 2026

Date : 19th June 2026
Place: Thiruvananthapuram



Gopinath Muthukad, Executive Director
Different Art Centre



TENDER DOCUMENT

(CIVIL WORK)

FOR

**BUILDINGS FOR DIFFERENT ARTS
CENTRE at IIPD**

AT NILESHWARAM

**CLIENT: - DIFFERENT ARTS CENTRE,
EXECUTIVE DIRECTOR GOPINATH MUTHUKAD.**

**CONSULTANTS: - M/s. DAMODAR ARCHITECTS,
ARCHITECTS + STRUCTURAL ENGINEERS
COCHIN, CALICUT, KANNUR AND KANHANGAD**

M/s. Damodar Architects, Architects + Structural Engineers has been retained as the Project Consultant and this Tender document is prepared on behalf of the client

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SALIENT FEATURES

Name of work : Proposed Rehabilitation Building,
block no.1A
block no. 1B
block no.2
block no.3
Block no.5

Scope of work : 5 Blocks under Rehab building in proposed site.
a) Column footing
b) Framed Structure

Time for completion of work : 6 months.

No. of pages in the document : No.s

Document Issued to :

Date and time of issue of Tender document : 19/06/2026, Between 12 to 2.00PM

Last date and time of submission of Duly filled tender document.(hard copy) : ...26.../.....06.../ 2026, Before 5 .00 PM
Executive director Different Arts Centre
Thiruvananthapuram.

Date of Opening of Tender : 27th June 2026

Signature of the person issuing Tender form :

Certified that this tender document contains pages serially numbered but including drawings.

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ELIGIBILITY CRITERIA

- 1) The bidder may be an individual, proprietorship firm, company, or any entity registered under the provision of law who meets the requisite eligibility criteria prescribed as under:
 - a) The bidder shall have appropriate A-class registration in state (Kerala) PWD undertakings.
 - b) The bidder shall have valid PF, ESI, PAN, and GST registrations.
 - c) The bidder should also have valid “A” grade Electrical Contractors License issued by Kerala State Electrical Licensing Board (KSELB) and PWD A-Class Electrical contracting licence.
- 2) Valid certificates of ISO-9001, ISO-14001, ISO-45001
- 3) Experience in executing similar works in any Public, Private Undertakings OR other sectors.
- 4) In house capacity of design team for preparation of MEP and structural As Built drawings for the project.
- 5) The bidder should have commenced and completed at least.
 - a) One similar completed works, costing not less than 80% of the PAC (14 Crores), during the last 7 years ending on last date of bid submission.

OR
 - b) Two similar composite works in single contract value not less than 60% of PAC (14 Crores) during the last 7 years ending on last date of bid submission.

OR
 - c) Two similar composite works in single contract value not less than 60% of PAC (14 Crores) during the last 7 years ending on last date of bid submission.

Definition of similar works “Construction of multi-storied building in RCC framed structure with MEP packages which includes Electrical, ELV, HVAC, Fire Alarm and Fire Protection, Lift works, glass Façade.”.

Also, the bidder should have experience in land scaping works, land developing works, development of internal roads, etc.

- 6) The bidder must possess significant experience in developing similar art performance center campuses.
- 7) Annual work contract receipts to the tune of Rs. 14 Crores, during any one of the five preceding years ending on 31.03.2024. (Audited financial statement for the last 05 years, 2019-20, 2020-21, 2021-22, 2022-23, 2023-24 should be produced.).
- 8) Solvency Certificate from bank of value not less than *-50% of Tender PAC-* certified by bankers.

The solvency certificate should not be older than one year from the date of submission of the prequalification document.

- 9) Net Worth: The Net Worth of bidders during last audited financial year should be $\geq -50\%$ of Tender PAC-

The documents submitted without the above documentary evidence will not be considered/evaluated. The bidding authority will have the right to verify the work experience certificate/bank statements as required.

10) Profitability

The bidder should not have incurred any loss (profit after tax should be positive) during the last five consecutive financial years ending 31st March, 2024. The balance sheets, Statement of Profit & Loss Account, and Notes to Accounts should be duly audited and certified by a Chartered Accountant with his seal/signatures and firm registration number.

- 11) The bidder should not have been blacklisted by any Central/State Government Department/Autonomous Body/PSU in last five years from the original last date of submission of the bid. The bidder shall submit duly notarized affidavit to this effect, as per prescribed format.

- 12) The performance of the bidder for the completed works shall be rated by the Client as 'good or above' and it is mandatory.

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1. NOTICE INVITING TENDER

Item rate Tenders are invited from interested contractors for the Proposed Block no.1 (mini office), block no.2 (bekal fort) ,block no.3 (rehabilitation block) block no.4 (early intervention block) & block no.5 (residential apartment) at Nileshwaram.

Agreement will be drawn with the successful tenderer on prescribed form for the purpose of the Tender. The time allowed for carrying out the work will be 6 Months from the Date of written order to start the work or from the specific date mentioned in the work order. The site for the work is available in attached site plan.

The tender documents consisting of

- a) Notice Inviting Tender
 - b) Instruction to contractors.
 - c) Form of Tender.
 - d) Tender conditions and clauses.
 - e) Special conditions (If any)
 - f) Questionnaire.
-
- i. Equipment
 - ii. Experience
 - iii. Personnel
-
- a) Schedule of quantities
 - b) Specification
 - c) Tender drawings.
 - d) Soil report

Duly filled Tenders (In original) should be placed in sealed envelope and to be direct submitted to executive director Different Arts Centre, Thiruvananthapuram Kerala, Phone :9717744896 on 27-06-2026 before 5 .00 PM hours.

Tenderers/Bidders are advised to Inspect and examine the site and its surroundings and satisfy themselves before submitting their Tenders as to the nature of the ground and sub soil (As far as practicable), the form and nature of site, the means of access to the site. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools, plans, access, facilities for workers, following labour regulations and compensation, safety of workers and works, and all other facilities and other services required for successfully executing the work as per approved plans and specifications.

The acceptance of the Tender, will rest with the owner and does not bind to accept the lowest tender, and reserves the authorities to reject any or all of the Tenders received without assigning any reasons thereof.

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2. FORM OF TENDER

Sir,

I/We have read and examined the notice inviting Tender, Tender conditions and clauses, schedule of quantities, specification, Tender drawings and other documents and rules referred to in the conditions of contract and all other contents in the tender documents for the work.

I / We do hereby tender to execute the work enumerated in the Schedule accompanying, for the construction of Proposed Block no.1 (mini office), block no.2 (bekal fort) ,block no.3 (rehabilitation block) block no.4 (early intervention block) & block no.5 (residential apartment) in accordance with the terms and conditions stipulated in this tender documents and specifications within in the time specified at the rates quoted in the schedule of quantities.

I / We further agree to complete the whole work in 6 Months time from the date of receipt of order to start work and maintain the minimum rate of progress specified in the tender schedule.

Copy of the specification duly signed is also enclosed

Full Name :

Address :

Phone No. :

Mobile No. :

Place of Residence :

Date of submission :

Signature of Tenderer

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3. GENERAL RULES & INSTRUCTIONS TO TENDERES

Name of work	1.	Proposed Block no.1 (mini office), block no.2 (bekal fort) ,block no.3 (rehabilitation block) block no.4 (early intervention block) & block no.5 (residential apartment) at nileshwaram.
Tender form	2.	i) Tender forms are sent to empanelled contractors. ii) Tenders not submitted in such forms or submitted incomplete in any respect corrections in rates, quantities, units or amounts (figures not expressed in words), etc. shall be liable to summary rejections.
Schedule of work	3.	The items and sub-heads of works to be done are enumerated in the schedule. Unless otherwise specified, the tender must be for the whole of any individual work and part tenders are liable to rejection.
Direction in submitting tender	4.	Tenders must be submitted in original and without making any additions, alterations and as per the details given in other clauses given hereunder. The rates shall be filled in the schedule of work given in this tender document for item rate tenders. Tenders contain remarks/reservations are liable to be rejected. Addendum /corrigendum to this tender document, if any, issued must be signed and submitted along with the tender document. If amendments for quantities are issued in addendum, such revised quantities in the schedule of work accordingly. Covering letter along with its enclosures accompanying the tender document and all further correspondence shall be submitted along with the tender.
Completed tender documents	5.	Tender should be submitted complete in every respect in owner's office including filling up all the questionnaires attached to the tender paper. Incomplete tenders are liable to be rejected without assigning any reason. The tenders thus submitted will consist of the following. i) Complete set of tender documents as sold together with addendum / corrigendum tender.

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	<p>ii) Income tax clearance certificate in original or true copies duly self attested.</p> <p>iii) Information regarding tenders in the Performa enclosed.</p> <p>iv) Declaration regarding the major works carried out by the tender in the Performa enclosed (experience questionnaire).</p> <p>v) Organization chart giving the detailed field management at site, the tenderer proposes to have for the work.</p> <p>vi) Equipment questionnaire.</p>
Signing tender and witness	<p>6. i. The tender when submitted shall contain the name, residence, place of business and address of person or persons submitting the tender and shall be signed by the tenderer with his usual signature under the seal of the enter prise.</p> <p>ii. Partnership firms shall furnish in the tender the full names and addresses of the partners. It should be signed in the partnership's name by all the partners or by duly authorized representative following by the name and designation of the person signing. Tender given by a corporation representative and a power of attorney tender. A copy of the constitution of the firm with names of all partners shall be furnished.</p> <p>iii. Witness and sureties shall be persons of status and their names, occupation and address shall be stated below their signature.</p> <p>iv. All the corrections and alterations in the entries of tender paper shall be signed in fully the tender with date.</p> <p>v. No erasures/over writings are permissible.</p> <p>vi. All pages of tender documents shall be initialed at lower right hand corner or/and signed wherever required by the tenderer and all signatures shall be dated before submission of tender.</p>

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How to quote rates	7.	<p>i) In item rate tender, the tenderer shall quote rates for individual items given in the schedule of work and the amount for each item shall be worked out and totaled.</p> <p>ii) The rates quoted shall be in figures as well as in words and shall be inclusive ones, covering all the operations contemplated in the specifications and clause I of conditions of contract. The rate quoted shall be inclusive of all prevailing taxes.</p> <p>iii) In case the rate quoted in figures differ from that in words, the rate in words will be taken as the correct one.</p> <p>iv) Tenderers must also state in their tenders, if they are prepared to carry out at the rates quoted by them, such portion of work as may finally allotted to them by the officer deciding tenders.</p>
Specifications	8.	Works shall be executed in conformity with the Indian standard specifications and conditions of contract. He shall also carefully study the drawing and additional specifications and all the documents, which form the part of agreement to be entered into by the accepted tenderer. The detailed specifications and other documents connected with the contract such as plans, descriptive specification sheet regarding materials, etc. can be seen at any time in the office of Consultant / Owner.
Site	9.	Site for the work is available /or shall be made available
Time for completion	10.	The work should be complete in all respects in 12 Months+ 15 days for mobilization time from the fifteenth day of the order to start the work is issued or from the specific date mentioned in the work order
Validity of tender	11.	i) In consideration of the tenderer being allowed to quote for the work, then he should keep the tender form for a period of three months from the date of opening or till tenders are decided whichever is earlier.

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		<p>ii) Any withdrawal within the firm period will entail forfeiture of the earnest money deposited for the work.</p> <p>iii) If due to administrative or other reasons it is found necessary to keep the tender open for a further period, prior consent of the tenderer will be obtained in writing for every further period of one month.</p>
Authority for acceptance	12.	<p>The acceptance of the tender rests with the owner or any officer authorized by the owner who does not bind himself to accept the lowest or any particular tender.</p> <p>The owner or any officer authorized by the owner reserves the right to reject any tender or all the tenders without assigning any reasons thereof.</p>
Changes in scope of work	13	<p>The right to carry out the work either in conformity with in a manner entirely different from the terms of this bid that may be considered most suitable before or subsequent to the receipt of tenders due to the exigencies of work is reserved with the owner/Consultant.</p>
Contractor to visit site	14	<p>Every tenderer is expected before quoting his rates, to inspect the site of the proposed work and satisfy himself about the site conditions.</p>

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4. TERMS & CONDITIONS OF CONTRACT

Definitions:

In this tender, unless otherwise expressed or indicated, the following words and expressions shall have the meaning assigned to them respectively and given under:-

1. Owner- Executive director Different Arts Centre Thiruvananthapuram .
2. Consultant - Damodar Architects, Architects + Structural Engineers Anugrah Arcade, T.B. Road Junction, S.B.T Side Road, Kanhangad - 671 315.
3. Tenderer means the individual / firm / company who give the tender for the work. The word tenderer or tender means the quotationer or quotation for the work.
4. Contractor means the individual / firm / company / whose tender has been accepted and undertaking the work and shall include his / their legal representatives and assigns.
5. The contract means the documents forming the tender and acceptance thereof and the formal agreement executed between the owner and the contractor – together with the documents referred to therein including the conditions, specifications, drawings, schedule of works and other instructions issued from time to time by the Consultant / Owner and all these documents taking together shall be deemed to form the contract.
6. Works shall mean the work to be executed in accordance with the contract whether original, altered, substituted or additional and whether temporary or permanent.
7. The “site” means the land or other actual place on, into or through which the work is to be executed or any adjacent land, part, street, etc. through which the work is to be executed under the contract.
8. Building means the proposed building as per approved architectural plan.
9. Month means the Calendar month of the Gregorian Calendar.
10. Award means the written order issued to the successful tenderer for acceptance of tender.

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11. Retention amount means the amount deducted from the running bills.

12. Labour / labourer means all categories of workers employed by the contractor directly and or indirectly.

13. Specifications shall mean all directions, provisions and requirements attached to the contract which pertains to the method and manner of performing the work or works, to each quantities and qualities of work or works as may be amplified or modified by the owner or the Consultant during the performance of the contract in order to provide for unforeseen conditions or in the best interests of the work or works.

14. "Deviation": Deviation order means an order given in writing by the owner or Consultant to effect and alteration in, addition to, or deduction from the scope or nature of the contract.

15. Words importing the singular number shall also include the plural and vice versa where the context so requires.

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5. CONDITIONS OF CONTRACT

Execution of work	1.a)	It is understood and agreed that the contractor has carefully examined and satisfied himself, as to the nature and location of the work, the configuration of the ground, the character, quality and quantity of the materials to be procured, the character of equipment and facilities needed, preliminary to and during the execution of the contract works, the general and local conditions, the labour conditions prevailing therein, and all other matters which can in any way effect the works under the contract. <i>No claim whatsoever in this account shall be entertained at a later date.</i>
	1.b)	The contractor shall execute or supply the materials specified and provided in the contract and complete the whole and every part of the work in the best and most substantial workman like manner using materials conforming to Indian Standard specification in every respect and in strict accordance with the specifications, drawings, designs and other instructions issued by the Consultant / Owner from time to time. The Consultant / Owner may in his absolute discussion and from time to time issue further drawings and / or written instructions details, directions and explanations regarding the following which are hereafter collectively referred to as Consultant / Owner's instruction.
	1.c)	The variation or modification in design, drawing if any, addition, substitution or omission of any work and the quality or quantity of work.
	1.d)	Any discrepancy in the drawings, designs, between schedule of quantities and / or drawings and / or specifications.
	1.e)	The rectification and making good of any defects.
	1.f)	Opening up of any work covered up or inspections.
	1.g)	Removal and / or rectification of any works done by the contractor, which in respect of materials or workmanship is not in this opinion in accordance with the specifications.

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	1.h	The removal from the site of any materials brought by the contractor which on his opinion are not in accordance with specification and drawing and substitution of any other materials thereof.
	1.i)	The dismissal of any persons from work, employed there upon.
	1.j)	The contractor shall forth with comply with Consultant / owner's instructions and duly execute any work comprised in such instructions provided always that verbal instructions, directions and explanations given to the contractor or to his representatives on the works by the Consultant / Owner shall if involving any deviations be got confirmed in writing by the contractor within 7 days from the Consultant / Owner, and they shall be deemed to be Consultant / Owner's instructions within the scope of contract.
	1.k)	The rates quoted by the contractor shall be for finished work at site and shall be deemed to include of the cost and conveyance of all materials, labour and supervision charges, and contingent expenses such as tools and plants, machinery, of every description, scaffoldings for work, ladders, cordage, tackles, putting up ring bund and bailing out water, sheds for storage of materials, site office, mortar mills, mixing platforms, carriage of tools and plants and machinery and cost of operating them, rent and hire charge, providing and maintaining all temporary fence, shelters, lights, watch and ward of site and all materials there for the works, danger signals, and such other precaution as are necessary for the protection of the work or materials, as well as to protect the public and those connected, weigh the work, from accidents at site of work, all duties, taxes, levies and seignorage charge, quarry fees of materials, and setting out and measuring up the work etc. and finally clearing away of all rubbish, surplus materials, scaffolding, tools and plants etc. on completion of the work dressing and leveling of and restoring the site to a tidy condition prior to handing over the work to the authorities and its maintenance until so taken over. No claims for separate payment of any such item will be admitted on any account.

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Alterations in specifications and designs	2.	The Consultant / Owner may at any time make any alteration in omissions form, addition to or substitutions for the original specifications, drawings, designs and instructions, that may appear to him to be necessary during the progress of the work in writing and the contractor shall carry out such additions, alteration, omissions, substitutions, etc. on the same conditions in all respects which he has agreed to execute the main work, as if the same has been so provided in the original specification / schedule / drawings.
Contractors	3.	The contractor should, before, quoting his rate, inspect the site of work and satisfy himself about the site condition soil conditions, facility for transport and storage of materials, sources and availability of materials, their lead availability labour, water, electricity etc. and no extra claim on these accords shall be entertained later on.
Materials and workmanship	4.	The contract shall provide at his own cost all materials (except such materials if any as may in accordance with the contract be supplied by the owner) required for the execution of the work. All materials used for the work shall conform to BIS specification and the contractor should get the materials approved by the Consultant before they are brought to site. Any materials brought on to the site by contractor and not approved by the Consultant / Owner will be removed and replaced by materials acceptable to the Consultant / Owner at the contractor's own cost.
		All items of works shall be carried out in the most substantial and skilled workman like manner in every respect in accordance with the prescribed specifications, and instructions of the Consultant and the contractor shall upon the request of the Consultant furnish him with all invoices, accounts, receipts and other required documents to prove that the materials comply with the specification therewith. The contractor shall at his own cost arrange for and / or carry out test of any materials which the Consultant / Owner may require.

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		<p>In the case of supplies of materials like rubble, broken stones, gravel, sand, etc. which may be measured prior to being used on the work, the contractor must always stack or arrange them neatly on level ground or on ground cleared and levelled by him for the purpose in such manner as may be ordered by the Consultant so that they may be easily be susceptible for inspection and measurement, the cost of such clearing, levellings and stacking or arranging being, included in the rates for the work. Each stack must be straight and of uniform section throughout and of the dimension specified by the Consultant. Materials not stacked or arranged in accordance with instructions issued will not be measured and paid for The contractor shall undertake to make arrangements for the supervision of the work using aphetic materials, by the firm supplying such materials.</p>
Cement	5.a)	<p><i>Cement shall be supplied by the CONTRACTOR including labour charges for loading and unloading. Using brand ultratech, ACC, Shanker Or any brand approved by owner subject to satisfying quality tests.</i></p>
Steel	5.b)	<p><i>Steel shall be supplied by the contractor at site including labour charges for loading and unloading. Using brand VISHAG,TATA,SRMB Or any brand approved by owner subject to satisfying quality tests.</i></p>
Dismantled materials	5.c)	<p>The contractor shall treat all materials obtained from dismantling of a structure, excavation of the site of work etc. as owner's property and such materials shall be disposed of to the best advantage of the owner according to the instructions in writing issued by the Consultant.</p>
Contractor to supply all tools and plants, scaffoldings, etc.	6.	<p>The contractor shall provide at his own cost, all tools, plants, appliances, machinery, and the cost of pirating them, other implements, ladders, cordage, tackles, scaffoldings and temporary works requisite for the proper execution of the work whether original, altered or substituted or which may be necessary for the purpose of satisfying or complying with the requirements of the Consultant together with carriage therefore to and from the work.</p> <p>The contractor shall also supply without charge the requisite number of persons, with the means and materials, necessary for the Purpose of setting out work and counting, weighing and assisting of the measurements of examinations at any time and from time to time of the work or materials.</p>

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		<p>If the contractor fails in this respect, the same may be provided by the Consultant at the expense of the contractor and the expense will be deducted from the bill or any money due to the contractor under the contract.</p> <p>The contractor shall furnish the details of tools, plants and machinery available with him, in the schedule (equipment questionnaire) attached with the tender document. The owner does not undertake to issue any tools and plants for any work.</p>
Contractor to appoint technical personnel	7.	<p>The contractor should employ minimum two qualified and experienced Engineer/supervisor (attendance mandatory) for supervision, whose bio-data should be forwarded to the Consultant / Owner for approval. The Engineer so employed by the contractor must be available at site for supervision and taking instructions from the Consultant.</p>
Setting out work by contractor	8.	<p>It is the duty and responsibility of the contractor to set out the work and he shall be responsible for the true and perfect setting out, correctness of portion and levels, dimensions, alignment, etc. of all parts thereof. If at any time any error in this respect shall appear during the progress of the work, after approval of the initial setting out by the Consultant / Owner, then it will be the responsibility of the Contractor to do the required rectification as ordered by the Consultant as and when required. The contractor shall be responsible to see that the level on the other pegs, profiles, bench marks, masonry pillar or other marks set up by the Owner / Consultant for guidance in the execution of the work are not disturbed, removed or destroyed. If any such mark are in the opinion of the Owner / Consultant found disturbed, removed or destroyed, that will be replaced by the Owner / Consultant at the cost of the contractor.</p>
Retention amount, TDS	9.	<p>i) In each running bill 2% of the gross bill amount will be collected as retention amount by the owner from the contractor's bill amount. The retention amount will be released after 12 months up on certification of satisfactory completion of the work assigned by the consultant of the project. Each running bill will be settled after 10 days of consultant's approval.</p> <p>ii)</p> <ul style="list-style-type: none"> a) For the purpose of income tax, TDS will be collected from the contractor by the owner from each running bill. b) All taxes (G.S.T, labour welfare fund, which may impose by the government during

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		the execution of the project) must be paid by the contractor.
Liability period and Release of retention amount	10.	The contractor shall be responsible for the condition of the building / structure constructed by him for a minimum period of 12 Months from the date of handing over of the work as certified by the consultant and any defects notified by the contractor at his own cost. Further, if the contractor or his workers shall break, deface, injure or destroy any part of the building in which they may be working, or any building, road, fence, waterline, cable, drains, electric or telephone post, trees, grass, etc. in the premises of the work or any damage shall happen to the work while in progress, by any cause whatever or any shrinkage cracks or other faults appear in the work during the liability period, will have to be rectified by the contractor at his own cost and expense. The retention money shall be released to the contractor only after the satisfactory completion of the liability period and / or including rectification of such defects aforesaid if any pointed out by the Owner / Consultant during the liability period.
Extra items / substituted items	11.	<p>The contractor should inform the owner /consultant in writing before execution of any extra /deviation items. The contractor is bound to carry out all extra items and substituted items as ordered by the Consultant / Owner in writing. Items, which do not find a place in the original schedule of works, attached in the accepted tender and agreement executed shall be deemed as extra items. If it is found necessary during the course of the work, to replace any or the original item provided in the schedule of works, with some other alternative item, due to alteration in specification, design, etc. as aforesaid in clause 2 above, such items substituted items.</p> <p>The rates for such extra / substituted items will be derived form the rates for similar items of work provided in the original agreement by making necessary additions, deductions or modification. If the rates for such extra / substituted item cannot be derived from a similar item of work provided in the agreement, this shall be worked out based on prevailing market rates of materials, and labour plus 10% profit. The consultant shall have the discretion to assess the cost of such materials, or labour deemed reasonable and fit in the</p>

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		Circumstances; and the decision of the consultant in this regard will be final and binding on the contractor. The data for such items will be adopted from the state public works department.
Time for completion	12.	Time is the essence of the contract undue and avoidable delay in the execution of the work will render the contractor liable to penalty. The date fixed by the Owner / Consultant for the commencement and completion of the work and the time allowed for carrying out the work as entered in the agreement shall be strictly observed by the contractor.
Termination or contract for death	13.	If the contractor is an individual or a proprietorship concern and the individual or the proprietor dies during the contract period and if the contractor is a partnership concern and one of the partners dies then unless the Consultant / Owner is satisfied that the legal representatives of the individual contractor or of the proprietor of the proprietary concern and in the case of partnership, the surviving partners, are capable of carrying out and completing the Contract, the Consultant / Owner in any way liable to payment of any compensation to the estate of the deceased contractor and / or to the cancellation of the contract. The decision of the Consultant / Owner that the legal representative of the deceased contractor or the surviving partners of the contractor's firm on account of the cancellation of the contract. The decision of the Consultant / Owner that the legal representative of the deceased contractor or the surviving partners of the contractor's firm cannot carry out and complete the contract shall be final and binding on the parties. In the event of such cancellation the Consultant / Owner shall not hold the estate of the deceased contractor and / or to partners of the contractor's firm liable in damages for not Completing the contract.
Termination of contract due to bankrupted	14.	In the event of the contractor becoming bankrupt, the owner may employ and pay another contractor or other person or persons to carry out and complete the works and he or they may enter upon the site and use all temporary buildings or persons to carry out and complete the works and he or they may enter upon the site and use all temporary buildings, plant, machinery, appliances, goods and materials necessary for carrying out and completion of the works.

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Right to abandon the work	15.	The owner reserves the right to abandon the work at any state if they found such a course necessary and the contractor will be paid only for the actual executed quantities of the items of work done, and the cost for damages, recovery of additional cost also deducted from contractors own bill.
Compensation for damage to public amenities	16.	The contractor shall be responsible for the safety of the public amenities such as road, fence, water line, cable, drain, electric or telephone lines, trees, grass, etc. in the premises of the work and he shall be liable for all damages caused to such public amenities or private property and should be repaired and made good and restored with least delay.
Safety measures and accidents	17	<p>The contractor shall clearly pursue all the terms and conditions of the safety code attached with the agreement and strictly adhere to it in full and in all respects.</p> <p>The contractor shall be responsible for the safety of the public and labour employed by him and he shall be liable to pay necessary compensation in case of accidents, as per the workman's compensation Act and other labour registration. In case the owner is obliged to pay compensation to any workmen, employed by the contractor as above in the execution of the work, the owner shall recover from the contractor the amount so paid and shall be at liberty to recover such amount by deductions from the bills, security deposit or from any sum due to the contractor whether under these conditions or otherwise.</p>
Labour Rules and Regulations	18a) b) c) d)	<p>No labour below the age of fifteen years shall be employed on the work.</p> <p>The contractor shall not pay less than what is provided under law to labourers engaged by him on the work.</p> <p>The contractor should closely pursue and adhere strictly and fully to the safety code to avoid the possibilities of accidents.</p> <p>The contractor should provide at his own expense, all required arrangements for health and sanitary requirements for the labourers, including drinking water and first aid facilities.</p>

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	e) f)	<p>The contractor shall keep a muster roll / register for the labourers engaged by him at site marking their daily attendance and wages. Such rolls / registers shall be kept open for inspection and verification by the officials of statutory authorities and the Consultant / Owner whenever found necessary.</p> <p>The contractor shall indemnify the owner against any claim that may be made on the owner for the obligations if any under the said act or any amount which may be required to be paid by the owner the said amount shall be recovered from the contractor by deduction form the amount due to him or otherwise.</p>
Removal of workman from site.	19	<p>The contractor shall employ in the execution of the works only such persons, as are skilled and experienced in their several trades and the Consultant / Owner shall be at liberty to object to and require the contractor to remove from the work any person employed by the contractor who in the opinion of the Consultant / Owner misconducts himself or is incompetent or negligent in the proper performance of his duties and such persons shall not be employed again upon the work without the permission of the Consultant / Owner.</p>
Work to be open for inspection	20	<p>All works under execution or executed in pursuance of this contract shall at all times be open to inspection and supervision of the Consultant, or his authorized subordinate, and the contractor or his authorized representatives must be present at all times during the usual working hours to receive orders and instructions. Orders and instructions given to the contractor's representative / agent shall be considered to have the same force as if they had been given to the contractor himself. The work during its progress can also be inspected by the Owner / Consultant or their authorized agents / representatives, at any time and the contractor should render all facilities and assistance for necessary inspection.</p>
Completion Certificate	21	<p>On completion of the work, the contractor shall give a notice of such completion to the Owner / Consultant and within 30 days of the receipt of such notice, the Owner / Consultant shall inspect the work, and, if there is no defect in the work, shall furnish the contractor with a certificate of completion. The work shall not be considered as completed until the Owner / Consultant has certified in writing that the work has been virtually completed. The liability period shall commence from the date of such completion certificate, which will be treated as the date of handing cover of the building.</p>

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Procedure for Measurements	22	<p>All works shall be carried out in strict accordance with the drawing and instructions of Owner / Consultant. Only figured dimensions should be followed and no dimensions are to be scaled out from the drawing.</p> <p>Measurements shall be taken of the actual work done, but shall not exceed those marked on the drawing or as instructed by the Engineer-in-charge. All measurements shall be in Metric system only. All the completed items of works, in the course of progress of work will be jointly measured by the representative of the Owner / Consultant and Engineer-in-charge, and the contractor's authorized agents progressively. Such measurements will be got recorded in the Measurement Books by the Consultant or his authorized representative and signed by the contractor himself or his authorized representative shall be bound to be present whenever required by the Engineer-in-charge. If however, he is absent for any reason whatsoever, the Consultant will take the measurements or his representative and this will be final and binding on the contractor and the contractor shall have no right to dispute them.</p> <p>The contractor shall provide at his own cost all required men and materials and tools required for taking measurements. Unless mentioned otherwise the measurements shall be taken as per IS No.1200 of ISI publication.</p>
Variation in quantities	23	<p>The quantities furnished in the schedule of work provided in the tender may vary in actual execution, to an extent and may even be omitted thus, altering the aggregate value of the contract.</p>
Water and Electricity	24	<p>The owner will make his own arrangements for water and electricity. Then the contractor at his own expense shall make his own arrangements for extending this connection to any point at site for the work. The cost of water shall be borne by the owner at his cost; The cost of electricity shall be borne by the contractor at his cost.</p>
Other Contractors	25	<p>The contractor must extend full and faithful co-operation with other contractors for different works appointed by the Owner at the same site, so that the work shall proceed smoothly with the least delay and disruption, and to the satisfaction of the Consultant / Owner.</p>
Settlement Dispute	26	<p>No arbitration of any disputes on of contract will be allowed under any circumstance. In case of any dispute between the contractor and the Owner / Consultant, will give the final decision.</p>

6. SAFETY CODE

- 1) The contractor shall be responsible for the safety of the labour employed by him and he shall be liable to pay the necessary compensation in case of accidents, as per the workmen's compensation Act and other applicable labour registration.
- 2) Suitable and strong scaffolds should be provided.
- 3) No portable single ladder shall be over 8Mts. In length and the width between side rails shall not be less than 30cm (clear). Suitable foot holds and handholds shall be provided on the ladder and the ladder shall be given sufficient inclination. When a ladder is used an extra masdur shall be engaged for holding the ladder.
- 4) Scaffolding or staging more than 3.60M above ground floor swung or suspended from an over head support or erected with stationary support shall have a guard rail, properly attached, bolted, braced and otherwise secured at least 90cm above the floor or platform of such scaffolding and extending along the entire length of the outside and ends thereof with only such opening as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building structure.
- 5) Working platform, gangway, stair ways etc. should be so constructed that they should not sag unduly or unequally. Such gangway, stairway etc. should have adequate width and should be suitably fastened as described in the Para. Above.
- 6) Suitable fencing or railing of 90cm minimum height should be provided for every opening in the floor of building or in a working plat form to prevent the fall of persons or materials.
- 7) No floor, roof or other parts of the structure shall be so over loaded with materials or the debris as to render it unsafe.
- 8) Safe means of access shall be provided to all working platform and other working places.
- 9) Adequate precautions shall be taken to prevent danger from electrical equipments.
- 10) The contractor shall provide all necessary fencing and lights to protect the public room from accidents and shall be bound to bear the cost and expenses of defense of every suit, action or other proceedings at law that may be brought by any persons for injury sustained owing to neglect of above precaution and to pay damage and cost which may be awarded in any such suit, action or proceeding to any such person or which may with the consent of the contractor be paid to compromise claim by any such person.

- 11) All trenches and excavations shall be provided with necessary fencing and lighting. Excavated materials shall not be placed within 1.50m of the edge of the trench or half of the depth of the trench whichever is more. All trenches of depth 1.20m or more shall be spalled with at least one ladder for each 30m length or fraction thereof. Cutting shall be done from top to bottom. Under no circumstances, under mining or under cutting shall be done.
- 12) Workers employed on mixing and handling materials like cement, asphalt, cement mortar, concrete, lime mortar etc. Shall be provided with protective footwear and rubber hand gloves and protective goggles.
- 13) Workers employed on welding work shall be provided with welder's protective eye shield and gloves.
- 14) Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
- 15) No paint containing lead or lead products shall be used except in the form of paste or readymade paints.
- 16) Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or a surface having lead paint dry rubbed and scrapped.
- 17) Over all material shall be supplied by the contractor to the workmen and adequate facilities shall be provided to enable the workers to work during the periods of cessation work.
- 18) Hoisting machines and tackles used in the work including their attachment anchorage and supports shall be in perfect condition.
- 19) The ropes and pulleys etc. used in hoisting or lowering materials or as means of suspension shall be of durable quality and adequate strength and free from defects.
- 20) All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe and good condition, and no scaffold, ladder or equipment shall be altered or removed while it is in use.
- 21) Contractor should provide safety helmets for all their employees and to be insisted to wear the helmet while on duty. The owner will provide all the visitors safety helmets while entering the site.
- 22) If there is any centering failure, the whole responsibility and financial damage goes to contractor.

7. HEALTH AND SANITARY ARRANGEMENTS

- 23) There shall be maintained at readily accessible place at work site, first aid appliances including adequate supply of sterilized dress in and sterilized cotton wool.
- 24) An injured person shall be taken to a public hospital without loss of time, in cases where the injury necessitates the help of a doctor or hospitalization.
- 25) There shall be provided and maintained at suitable places, easily accessible to labour a sufficient supply of cold water fit for drinking.
- 26) Adequate washing and bathing places shall be provided at or any place of work separately for men and women. Such places shall be kept in clean and drained condition.
- 27) Contractor should ensure proper cleanliness of the project site by providing adequate facilities for latrine and urinals for men and women should be provided at or near the places of work. Such laterines shall be kept clean and drained condition.
- 28) Contractor should also provide crèche for the little ones of their employees / labourers.

8. LABOUR LAWS

i) The contractor shall obtain a valid license under the Contract Labour Act (R&A) Act 1971 and the Contract Labour (Regulation and Abolition) Central rules 1971, and other applicable labour registrations and enactments before the commencement of the work, and continue to have valid license until the completion. The contractor shall also abide by the provisions of the Child Labour (Prohibition and Regulation) Act, 1986. Any failure to fulfill this requirement shall attract the penal provisions of this contract (arising out of the resultant non-execution of the work)

ii) No labour below the age of fourteen years shall be employed on the work.

iii) The contractor shall pay to labour employed by him either directly or through sub-contractors, wages not less than fair wages as defined in the Contractor's Labour Regulations or as per the provisions of the Contract Labour (Regulation and Abolition) Act 1970 and the contract Labour (Regulation and Abolition) Central Rules, 1971, wherever applicable.

iv) The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid fair wage to labour indirectly engaged on the work, including any labour engaged by his sub-contractors in connection with the said work, as if the labour had been immediately employed by him.

v) The contractor shall comply with the provisions of the Payment of Wages Act, 1936, Minimum Wages Act, 1948, Employees Liability Act, 1938, Workmen's Compensation Act, 1923, Industrial Disputes Act, 1947, Maternity Benefits Act, 1961, and the Contractor's Labour (Regulation and Abolition) Act 1970, or the modifications thereof or any other laws relating thereto and the rules made there under from time to time. The laws aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract.

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vi) In respect of all labour directly or indirectly employed in the work for the performance of the contractor's part of this contract, the contractor shall at his own expense arrange for the safety provisions as per Safety-Code framed from time to time and shall at his own expense provide for all facilities in connection therewith. In case the contractor fails to make arrangement and provide necessary facilities as aforesaid, he shall be liable to pay penalty for each default and in addition the owner shall be at liberty to make arrangement and provide facilities as aforesaid and recover the costs incurred in that behalf from the contractor.

vii) The contractor shall submit by the 4th and 19th of every month, to the owners a true statement showing

- (1) The number of labourers employed by him on the work,
- (2) Their working hours,
- (3) The wages paid to them,
- (4) The accidents that occurred during the said fortnight showing the circumstances Under which they happened and the extent of damage and injury caused by them and
- (5) The number of female workers who have been allowed maternity benefit

viii) In respect of all labour directly, or indirectly employed in the works for the performance of the contractor's part of this contract, the contractor shall comply with or cause to be complied with all the rules framed by Government from time to time and adapted by owner for the protection of health, safety and sanitary arrangements for workers employed by contractors and or through him.

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9. GENERAL SPECIFICATIONS

- 1) All works should be carried out in the most substantial and skilled workman like manner in every respect in accordance with the Indian standard specifications, drawings and other instructions of the consultants.
- 2). All materials should confirm to the relevant Indian standard specifications.
- 3). All materials have to be arranged by the contractor **including cement and steel.**
- 4). Samples of all building materials, doors and window fittings sanitary wares and water supply fittings and other articles, required for the execution of work shall be got approved from the consultant or the authorized representative of consultant. Approved articles to be kept safely at site office throughout the contract period at the risk and responsibility of the contractor.
- 5). The work should be completed within 6 Months.
- 6). Mixing of concrete should be done in concrete mixers / batching plants/RMC is available
- 7). Vibrators should be used for R.C.C work.
- 8). Measurements of sand, stone aggregate and cement should be made by proper measuring box made for the purpose.
- 9). Stone aggregate used shall be of standard size and should be free from dust, debris etc.
- 10). Sand, M sand used should be clean and free from slit, dust, pebbles, debris and salinity etc, and grades are as per ISI specification.
- 11). For exposed R.C.C work, where plastering is not be done, the surface of the concrete members, should be smooth level and even plywood or similar shuttering should be used for such work.
- 12). Brick should be of approved quality and required standard size and shall be well soaked in water before use on work

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- 13). Bricks/Brick tiles for exposed work to be finished with pointing shall be got approved by the consultant or the authorized representative of the consultant, before taking work in hand. Only selected bricks/ brick tiles shall be used and costing extra shall be paid to the contractor on this account.
- 14). Laterite / solid cement block stones should be of approved quality and required size.
- 15). Plastering should be done to correct plump bob level and the finished surface must be even and as per specifications.
- 16). Curing should be done for all concrete, R.C.C and other cement works as provided for in the relevant Indian standard specifications.
- 17). Timber used for wood work should be of approved quality, Malaysian Irul wood well seasoned and should be free from knots, cracks, warping or other defects and carpentry work and finishing should be smooth and even.
- 18). Any defects detected at any stage should be rectified to the satisfaction of the Technical supervisor of the owner / consultant and the extra expenses incurred for such rectification's shall be borne by the contractor.
- 19). All exposed brick work/brick tile work and glazing shall be safeguarded against splashes due to cement work, white washing, distempering and painting etc. Nothing extra shall be paid on this account. In case of damage caused to any work due to splashes etc the same shall be made good by the contractor at his own cost.
- 20). All skirting, dado of tile work and floors are to be covered adequately before white washing or distempering etc. is done to safeguard against splashes and have to be completely cleaned after the work is completed. Nothing extra shall be paid on this account also.
- 21). The contractor shall be responsible for the protection of all electrical, sanitary, and water supply and other fittings and fixtures during the period of execution of work.
- 22). Water supply and sanitary installations/electrification work shall be executed only through licensed workers. The contractor shall give a performance test of the entire installations as per standard specifications before the work would be finally accepted and nothing extra.
- 23). Cement covering blocks of mix 1:2 should be used for all concrete work and the thickness (cover size) of this block should be mentioned in the structural drawings.
- 24). Consultants will be the final authority to the decision regarding the execution (any change or deviation in design) of work in consultation with the owner.

12. QUESTIONNAIRE (PERSONNEL)

Tenderer should furnish along with this tender, the following Performa duly filled in and signed giving the details of Technical and Managerial Personnel attend in site.

SL NO.	DESCRIPTION	NUMBERS	REMARKS
01.	PROJECT MANAGER		
02.	PROJECT ENGINEERS		
03.	SITE ENGINEERS		
04.	SITE SUPERVISOR		
05.	FOREMAN		

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SCHEDULE OF QUANTITIES

CONSTRUCTION OF PROPOSED BUILDING - 3 (REHABILITATION) AT NILESHWARAM.

SL No	DSR Item code	Description	Unit	Quantity	Rate	Total Amount in RS
-	-	SUBHEAD 1: EXCAVATION WORKS	-	-	-	-
1	2.9.1	Excavation work by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. Ordinary rock	cum	1076		
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	cum	672		
		SUBHEAD 2: CONCRETE WORKS				
3	4.1.8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	cum	218		
		SUBHEAD 3: RCC WORKS				
4	5.9.1	Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete- Column Footing and Column up to Plinth Level	sqm	655		
5	5.9.2	Centering and shuttering including strutting, etc. and removal of form for: Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.-Septic Tank, Sump Tank, Water Tank and Parapet Walls	sqm	685		

6	5.9.6	Centering and shuttering including strutting, etc. and removal of form for:Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	653		
7	5.9.5	Centering and shuttering including strutting, etc. and removal of form for:Lintels, beams, plinth beams, girders bressumers and cantilevers	sqm	2370		
8	5.9.19	Centering and shuttering including strutting, etc. and removal of form for:Weather shade, Chajjas, corbels etc., including edges	sqm	213		
9	5.9.3	Centering and shuttering including strutting, etc. and removal of form for:Suspended floors, roofs, landings, balconies and access platform	sqm	1577		
10	5.33.1.2	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement All work upto plinth levelConcrete of M30 grade with minimum cement content of 350 kg /cum- For foundation,Plinth beam,	cum	325		

11	5.33.2.2	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 110% of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement All work above plinth level upto floor V levelConcrete of M30 grade with minimum cement content of 350 kg /cum	cum	487		
12	5.22.6	Steel reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete upto plinth levelThermo - Mechanically Treated bars of grade Fe-500D or more	kg	69800		
		SUBHEAD 5: PLASTERING WORKS				
13	13.16.1	6 mm cement plaster of mix:1:3 (1 cement : 3 fine sand)	sqm	3700		
14	13.1.2	12 mm cement plaster of mix:1:6 (1 cement : 6 fine sand).	sqm	1310		
15	5.30	Add for plaster drip course / groove in plastered surface or moulding to R.C.C. projections.	m	645		
		SUBHEAD 6: FLOORING WORKS				

16	11.49.2	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS : 15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).Size of Tiles 600x600 mm- For Bathroom Floor	sqm	58		
17	11.47.2	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS : 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).Size of Tile 600x600 mm-Bathroom Dadoing	sqm	205		
18	11.41A.3.1	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily. Glazed Vitrified tiles Matt/Antiskid finish of size Size of Tile 600 x 600 mm-For Flooring	sqm	1605		

19	11.48.2	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg). including filling /grouting and finishing complete as per direction of Engineer-in-charge.Size of Tile 600x600 mm	sqm	1880		
20	11.56.2	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab of all colour and texture except Black, Cherry/ Ruby Red	sqm	50		
		<u>SUBHEAD 10: PAINTING AND FINISHING</u>				
21	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	7800		
		Total of the Sub-Head-Painting and Finish				
		<u>SUBHEAD 10: DOORS AND WINDOWS</u>				
22	9.143	Providing and fixing factory made uPVC door frame, made of uPVC extruded section, of size 65 mm x 55 mm with wall thickness 2.0 mm (? 0.2mm), corners of the door frame to be mitred cut and jointed with plastic brackets and stainless steel screws, reinforcing hinge side vertical of the frames with PVC profile of Size 28 mm x 30 mm having wall thickness 2 mm (? 0.2 mm), including providing & fixing 3 nos of 125 mm long stainless steel hinges to the frame, fixing the frame with jamb with required number & size of anchor dash fasteners, all complete as per	m	271		

		manufacturer's specification and direction of Engineer-in-charge.				
23	9.144	Providing and fixing 37 mm thick factory made PVC door shutter, styles and rails made of PVC hollow section of size 100 mm x 37 mm with wall thickness 2 mm (± 0.2 mm), with inbuilt bead on one side, styles and rails mitered cut and joint at the corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corners by means of 2 nos of plastic brackets of size 75 mm x 220 mm at each corner and stainless steel screws, reinforcing the hinge side of style by inserting corner and stainless steel screws, reinforcing the hinge side of style by inserting PVC profile of size 28 mm x 30 mm, with wall thickness 2 mm (± 0.2 mm). Lockrail of size 100 mm x 37 mm, wall thickness 2 mm (± 0.2 mm) will be fixed to the vertical styles. Providing with PVC snapfit beads and panel of size 100 mm x 20 mm, and inserting 2 nos tie bar of 6 mm dia and fastening with nuts and washers complete, all as per manufacturer's specification and direction of Engineer - in- charge.	sqm	64		

24	9.147A.1	<p>Providing and fixing factory made uPVC white colour casement/casement cum fixed glazed windows comprising of uPVC multi-chambered frame, sash and mullion (where ever required) extruded profiles duly reinforced with 1.60 +/- 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), uPVC extruded glazing beads of appropriate dimension, EPDM gasket, stainless steel (SS 304 grade) friction hinges, zinc alloy (white powder coated) casement handles, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge.(Single / double glass panes and silicon sealant shall be paid separately) Note: For uPVC frame, sash and mullion extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.Casement window single panel with S.S. friction hinges (300 x 19 x 1.9 mm), made of (small series) frame 47 x 50 mm & sash 47 x 68 mm both having wall thickness of 1.9 +/- 0.2 mm and single glass pane glazing bead of appropriate dimension. (Area of window upto 0.75 sqm.)</p>	sqm	126		
		Total of the Sub-Head-Doors and Windows				
		SUBHEAD 11: M.S GRILL AND STAINLESS STEEL WORK				

25	9.48.2	Providing and fixing M.S. Grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.Fixed to openings/ wooden frames with rawl plugs screws etc	kg	2650		
26	10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)	kg	370		
27	13.61.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade:Two or more coats on new work	sqm	195		

