



ICAR – CENTRAL ISLAND AGRICULTURAL RESEARCH INSTITUTE

Bathu Basti, Garacharma P.O, Sri Vijaya Puram - 744 105

ANDAMAN AND NICOBAR ISLANDS, INDIA

E-mail: sridham.biswas@icar.org.in, director.ciari@icar.org.in

Website: <https://ciari.icar.gov.in>, Tel: 03192 – 250235;



F.No. 57(380)/2025-2026/Estate/

Date: 30.05.2025

STANDARD ONLINE (E-PROCUREMENT MODE) BIDDING DOCUMENTS FOR CARPENTRY REPAIR WORK IN TYPE-II (21 NOS.), III (12 NOS.), IV (13 NOS.) AND V (04 NOS.) QUARTERS AT GARACHARMA AND MARINE HILL.

**Document to be submitted online
as per Schedule of requirement**

NOTICE INVITING ONLINE TENDER

The Director, ICAR-CIARI, Sri Vijaya Puram, invites e-tenders through the website URL: <http://eprocure.gov.in/eprocure/app> under two bid systems from eligible and qualified bidders for carpentry repair work in Type - II (21 nos.), III (12 nos.), IV (13 nos.) and V (04 nos.) quarters at Garacharma and Marine Hill.

CRITICAL DATE SHEET

Tender ID (To be allotted by portal after uploading of tender)	
Tender Reference No	File no. 57(380)/2025-2026/Estate/ Dated: 30.05.2025
Date of release of Tender through e-procurement Portal	30.05.2025-at 04:00 PM
Bid Submission Start Date (Online)	30.05.2025 at 05:00 PM
Last date for Receipt of EMD at ICAR-CIARI, Sri Vijaya Puram	20.06.2025 at 02.30 PM
Last Date & time for submission of online Bid	20.06.2025 at 03.00 PM
Date & time for opening of Bid	20.06.2025 at 03.30 PM
Address for Communication	The Director, ICAR-CIARI, Garacharma, Sri Vijaya Puram-744105

30/05/2025

**Assistant Administrative Officer
Asst. Administrative Officer
Central Island Agricultural Research Institute
Port Blair-744101**

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Date: 30.05.2025

COMPETITIVE BIDDING TENDER DOCUMENT

Name of the work: Carpentry repair work in Type - II (21 nos.), III (12 nos.), IV (13 nos.) and V (04 nos.) quarters at Garacharma and Marine Hill.

General Terms & Conditions:-

1. The tender should be accompanied with Earnest Money Deposit (EMD) of **Rs. 38,000/- (Rupees thirty eight thousand only)** payable through Demand Draft/FDR in favour of The Director, ICAR Unit: CARI, Sri Vijaya Puram. Tenders without EMD will be treated as cancelled.
2. The L1 firm / bidder fulfilling the qualification of past performance, experience, technical competence, financial strength to handle the work successfully will only be selected for award of the contract [(Based on technical bid document Annexure I (A)]. However, the Institute shall have the right to relax general construction experience particular available bid capacity for the outmost importance to develop new contractors and to provide avenues to Sub-Contractors.
3. Work shall be carried out as per the instruction, direction and satisfaction & supervision of Incharge Estate Section/Engineer-In-charge and as per the approved estimate.
4. The rate shall includes all labours, materials, transportation, tools and tackles etc. as required for completing the work.
5. The work should be started within **10 (Ten) days** from the date of issue of work order failing which the work order shall be treated as cancelled and Performance Guarantee/EMD deposited shall be forfeited on the recommendation of the In-charge, Estate Section.
6. The rate may be quoted after inspection of site and clarification of all details from In-charge, Estate Section/Engineer-in-charge.
7. The work should be completed within **60 (Sixty Days)** days from the date of issue of work order failing which the work order may be cancelled. Extension of time may be granted to the contractor beyond agreed time of completion of the work under force majeure condition. In case the contractor fails to complete the work within the stipulated/ extended period of time, liquidated damages shall be levied from the contractors @ 0.50% per week, maximum of 10% of the total value of the contract.
8. The Institute will not accept any delay caused by the Contractor due to non-availability of materials or any other local issues etc. Except under natural calamities. The progress of work should be in proportion to the time allocation financially and item wise.
9. The Director shall have the liberty to postpone or not to execute one or more item of work and the contractor shall not be entitled to any compensation for non -execution of such items of work.
10. During execution no change shall be made by the contractor in the approved drawing & design and specifications of the items at site without the consent of In-charge Estate Section.

11. During execution of work, if there is any damage caused to the buildings or any other property of the Institute, the repair charges will be borne by the Contractor.
12. In case of dis-satisfactory work the contract may be terminated at any time and in such case the EMD/ Security deposit shall be forfeited.
13. In case the contractor fails to complete the work within the stipulated/ extended period of time and according to our satisfaction, the Director, CIARI shall have the right to terminate the contract at the cost and risk of the Contractor and get the work done through any other firm or agency. In such case the EMD/ Security deposit of the contractor shall be forfeited.
14. The water as required for construction and curing shall be arranged by the contractor for which no extra payment shall be made.
15. All the materials purchased for construction work by the contractor shall be as per the CPWD/ ISI/ BIS Standards/ specification and got approved by the Incharge Estate Section. In case, if they fails to get approved items or fixed substandard item, it shall not be considered for payments.
16. The contractor shall not be provided any store for storing of the construction materials and their tools. However, a site will be given temporarily to construct a store in CIARI Complex. The store should be dismantled immediately after handing over the structure/ buildings to the Institute failing which the bill will not be processed for release of payment.
17. Quantity of work may be increased or decreased according to the actual need of work and hence deviation of work shall be undertaken as per quoted rate without asking any compensation.
18. The Contractor should ensure that minimum two blocks of quarters are taken up for repair works simultaneously in order to complete the work well in time.
19. All the materials particularly cement, steel aggregate, etc. wherever required have to be stocked at site as per the instructions of the Engineer Incharge of the Section before commencement of work. The Firm should submit a copy of the bills of above items purchased to the Engineer Incharge whenever demanded. In case, the contractor fails to stock the materials and produce the bills, their work bill may not be processed for payment.
20. When the construction work is going on, the contractor has to depute an experienced site engineer/supervisor or he himself has to be present at work site everyday till the work is completed. The Contractor has to inform the I/c Estate Section every day in advance over phone or through any other means about the work program of next day. In case the contractor fails to comply with the above, the cost of Site Engineer/Supervisor shall be deducted as per the rate of Highly Skilled worker of A&N Administration from the bill of the contractor. This deduction will be done whenever the contractor has not deputed the above.
21. The contractor has to deposit **3%** of the tender value of the contract through Bank Guarantee / Demand draft / Fixed deposit towards proper performance of the contract after acceptance of tender and the same shall be kept as security deposit and may be released after **01 (One year)** of successful completion of work and will be treated as guarantee for successful performance of completed works.
22. An amount equal to 10% of value of work completed (inclusive of 3% performance guarantee) shall be deducted from the bill of the contractor as security deposit and shall be release after 01 year of successful completion of work.
23. The contractor has to pay minimum wages as per the rate of Government to their labour force engaged for tendered work.

24. The standard deduction such as Income tax, GST and other fares / rates etc. imposed by the Government time to time shall be deducted from the bill of the contractor.
25. After completion of the work within 1 year, if any defect, or damage or poor workmanship is noticed, the same shall be rectified by the contractor, within 10 days failing which the Security deposit shall be forfeited.
26. The Director, CIARI, Sri Vijaya Puram reserves the right to accept or reject any or all the tenders without assigning any reason thereof and the decision of the Director, CIARI, Sri Vijaya Puram shall be final and binding to all concerned parties.
27. The Director, CIARI, Sri Vijaya Puram shall be the sole arbitrator for all disputes between the contractor and Institute. The decision of the Director shall be final and binding to the both the parties. All disputes shall be subject to the jurisdiction at Sri Vijaya Puram.

30/05/2025

Asstt. Administrative Officer
Asst. Administrative Officer
Central Island Agricultural Research Institute
Port Blair-744101

Signature of the Contractor
Name of the firm:
Address of the firm:
Mobile No./Telephone No.:

INSTRUCTIONS FOR ONLINE BID SUBMISSION

1. For Online Bid Submission as per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>). The bidders are required to submit copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. More information useful for submitting the online bids on the CPP Portal is available/obtained at URL: <https://eprocure.gov.in/eprocure/app>. Manual/offline bids shall not be accepted under any circumstances.

For Registration

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
2. While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected. If any tenderer stipulate any condition of his own, such conditional tender is liable to be rejected.
3. All the tender documents & price bid to be uploaded as per this tender are to be digitally signed by the bidder.
4. All the communications with respect to the tender shall be addressed to: The Director, ICAR-CIARI, Garacharma, Sri Vijaya Puram-744105.
5. The firms are also required to upload copies of the following documents failing which the quotation will not be considered:-

DOCUMENTS TO BE UPLOADED IN COVER-I

(A) TECHNICAL BID

- a. Scanned copy of EMD / its exemption, if any.
- b. Scanned copy of Firms registration, Enlistment Certificate/Order, PAN Card, GSTIN.
- c. Experience certificates of similar nature of works and magnitude equal to estimated cost.
- d. Scanned copy of Bank Account Details duly filled in Annexure-III
- e. Tender Acceptance letter (Annexure-IV)
- f. Scanned copy of Annexure-V duly filling column No. 04.
- g. Valid labour licence upto next year.
- h. Valid registration with employees provident fund organization under EPF and miscellaneous provision Act, 1952.
- i. Annual Audited turnover for 03 (Three) Years.

(B) FINANCIAL BID / BOQ - II

- a. Price Bid as BoQ_XXXX.xls to be filled online and submitted. Please note that the file name should not be changed.


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TERMS AND CONDITIONS FOR BIDDERS

- 1) The bidders may submit duly filled and completed bidding document ONLINE as per instruction contained in Annexure –I. Incomplete bid shall be rejected. The conditions of tender shall be governed by the details contained in complete bid document.
- 2) Bidders shall select the payment option as offline to pay the EMD.
- 3) Price once quoted will be final and no further negotiation/alteration will be made thereafter.
- 4) The rates should be quoted as per the BOQ uploaded on the CPP Portal. The bidders are advised to download this BOQ_XXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the Financial Bid. The Bidder shall not tamper / modify downloaded price bid template in any manner. In case if the same is found to be tampered / modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with ICAR-CIARI.
- 5) In case, holiday is declared by the Government on the day of opening the bids of the tender or it happened to be non-working day due to Bandh / Strike or any other reasons, the tender will be opened on the next working day at the same time.
- 6) Bid Validity: 180 days.
- 7) The detailed instruction for online submissions of bid(s) through e-procurement module of Central Public Procurement of NIC, the bidder(s) may visit following link: [https://eprocure.gov.in/eprocure/apppage=HelpForContractors & service=page](https://eprocure.gov.in/eprocure/apppage=HelpForContractors&service=page)
- 8) The Successful Bidder irrespective of registration status will have to deposit the Performance Security @ 3% (in Rs.) of the contract value in shape of Demand Draft/FDR drawn in any Nationalized Bank in favour of "ICAR UNIT-CARI" payable at SBI, Garacharma (Code No.SBIN0009670), Sri Vijaya Puram.
- 9) Dispute resolution: Decision of Director of the Institute shall be final for any aspect of the contract and binding to all parties. Disputes arising, if any on the contract will be settled at his/her level by mutual consultation and in case of failure of settlement dispute shall be referred to the sole arbitrator to be appointed by the Director, ICAR-CIARI, Sri Vijaya Puram. The decision of the sole Arbitrator so appointed shall be final and binding on the parties. Arbitration proceedings shall be governed by the Arbitration & Constitution Act, 1996. The seat of Arbitration will be Sri Vijaya Puram and language will be English. Laws of India in force will be applicable.
- 10) The payment may be released within 30 days from the date of satisfactory completion of work. No advance payment will be made under any circumstances.


Asstt. Administrative Officer
Asst. Administrative Officer
Central Island Agricultural Research Institute
Port Blair-744101

MANDATE FORM FOR BANKING DETAILS

Registered /Postal Address:

1	Permanent Account Number (PAN) No.		
2	Name of Account Holder		
3	Bank details:		
	A	Bank Name	
	B	Branch Address	
	C	Account No.	
	D	Type of Account (Current/Savings)	
	E	MICR No	
	F	IFSC Code	

**Signature of Bidder,
with official seal**

TENDER ACCEPTANCE LETTER
(to be given on Company letter head)

Date:

To,

The Director,
ICAR-CIARI,
Garacharma,
Sri Vijaya Puram-744105

Sub: Acceptance of terms and Conditions of tender.

Tender Reference No:

Name of the tender/work:-

Dear Sir,

1. I/we have downloaded the tender documents for the above mentioned /work from the website (s) namely CPPP & CIARI Website:

as per your advertisement,, given in the above mentioned website(s).

2. I/we hereby certify that I/we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedules(s), etc.,) which form part of the contract agreement and I/we shall abide hereby the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department / organization too have also been taken into consideration, while submitting this acceptance letter.
4. I/we hereby unconditionally accept the tender conditions of above mentioned tender document (s)/corrigendum(s) in its totality /entirety.
5. I/we do hereby declare that our Firm has not been blacklisted/debarred by any Govt. Department/Public Sector Undertaking.
6. I/we certify that all information furnished by our Firm is true and correct and in case if any information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason thereof or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

(Signature of the Bidder, with Official Seal)

TECHNICAL BID**Name of the Firm :****Tender Reference No :****Name of the Tender/work :****Check List**

Sl. No	Details	Submitted (Yes/No)	If submitted , mention page no. of pdf file	Remarks
1.	Scanned copy of Earnest Money Deposit (EMD)/its exemption, if any			
2.	Scanned copy of Firms registration, Enlistment certificate/order, PAN Card, GSTIN.			
3.	Tender Acceptance letter (Annexure-IV)			
4.	Work experience certificates of similar work			
5.	Scanned copy of Income Tax Statement for the last (03) three years.			
6.	Scanned copy of Bank details (Annexure-III).			
7.	Scanned copy of Annexure-V duly filling column No. 04			..
8.	Valid labour license receipt validity upto next year.			
9.	Valid registration with Employee Provident Fund Organization under EPF, ESI and miscellaneous provision Act, 1952.			
10.	Annual audited turnover for the last 03 (Three) years			

**Signature of the Bidder,
with Official Seal**

Bidders guidance for Online Bid Submission

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submit their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:

<https://eprocure.gov.in/eprocure/app>

REGISTRATION:

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link "Click here to Enroll" on the CPP Portal is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective, "My Tenders" folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

1. Bidder should login to the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. The Bidder has to select the payment option as "Offline" to pay the EMD as applicable and enter details of the instrument.
4. The Bidder should prepare the EMD as per instructions specified in the tender document. The Original should be posted /couriered/ given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
5. A standard BOQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bid in the format provided and no other format is acceptable. The bidders are required to download the BOQ file, open it and complete the white coloured (unprotected cells with their respective financial quotes and other details (such as the name of the bidder). No other details should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the file name. If the BOQ file found to be modified by the bidder, the bid will be rejected.
6. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
7. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids are maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
8. The uploaded tender documents must become readable only after the tender opening by the authorized bid openers.
9. Upon the successful and timely submission of bids i.e. after Clicking "Freeze Bid Submission" in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
10. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1204200462

General Instructions to the Bidders

1. The tenders will be received online through portal <https://eprocure.gov.in/eprocure/app>. In the Technical Bids, the bidders are required to upload all the documents in pdf format.
2. Possession of a Valid Class II / III Digital Signature Certificate (DSC) in the form of smart card / e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://eprocure.gov.in/eprocure/app>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the website <https://eprocure.gov.in/eprocure/app> under the link "Information about DSC".
3. Tenderer are advised to follow the instructions provided in the "Instructions to the Tenderer" for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at <https://eprocure.gov.in/eprocure/app>

KIND ATTENTION: FOR TAKING ASSISTANCE, IF ANY, VISIT
CPP Portal website: www.eprocure.gov.in

FINANCIAL BID

Name of work: Carpentry repair work in Type - II (21 nos.), III (12 nos.), IV (13 nos.) and V (04 nos.) quarters at Garacharma and Marine Hill.

Scheduled of Quantities

Sl. No.	Description of Work	Qty	Unit	Rate	Amount
1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
1.1	Of area 3 sq. metres and below	55.00	each		
2	Dismantling wood work in frames, trusses, purlins and rafters up to 10 metres span and 5 metres height including stacking the material within 50 metres lead :				
2.1	Of sectional area 40 square centimetres and above	0.10	cum		
3	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :				
3.1	Of area 3 sq. metres and below	30.00	each		
4	Removing of window/vent grills for repair of window/vent frame/shutter and refixing the same grills after repair work with required screws, all complete	10.00	each		
5	Taking out old grills from the dismantled windows/ventilation and joining by welding & modifying it to the required size and shape to fix it to the wall surface in the window / ventilation portion including providing additional sections embedding it in the wall with additional sections (with rich cement mortar) as required, all complete. (additional sections provided will be measured in item at Sl. no. 6.1)				
5.1	For three shutter window	15.00	each		
5.2	For two shutter window	15.00	each		
5.3	For single shutter window/bathroom ventilation	10.00	each		
6	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
6.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	50.00	kg		
7	Providing and fixing of WPC frame for doors with section of size 100x 65mm with density not less than 600kg/cum of approved quality, make and colour as per the requirement with required screws/fasteners, etc. all complete.	140.00	metre		
8	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be				

	paid for separately).				
8.1	Sal wood/Bilanga/Padauk wood (Note: Work includes repair/lapping of existing frames. For measurement of frames, final finished section will be measured)	0.10	cum		
9	Providing and fixing of GI holdfasts of 5" length and fixing it to the door/window/vent frame with required screws/nails, including cutting walls/concrete to 15cm x 15cm x 10cm and providing and laying 1:2:4 (1 cement: 2 pulverised sand: 4 aggregate 12.5mm nominal size) mix cement sand concrete, all complete	10.00	nos.		
10	Supply & fixing of WPC door shutter of approved quality, design & colour having thickness not less than 30mm, density not less than 500kg/cum, polished/printed/ laminated on one side and plain on other side including cutting to required size and fixing to existing wooden door frames.	92.79	sqm		
11	Supply of powder coated Aluminium openable type window of approved section, size, thickness, quality, colour, etc. with 5mm thick frosted glass with EPDM rubber beading including providing sliding type fibre glass mesh assembly with aluminium framework to prevent entry of mosquito with required handles and locking arrangement, etc. all complete as per the direction of Engineer-in-charge/Incharge Estate Section.	41.00	sqm		
12	Supplying of powder coated Aluminium ventilation of size (0.50x0.80m) with one intermediate partition and including 5mm thick fixed frosted glass in the lower half portion and 5mm thick frosted glass louvers in the upper half portion, with approved section all complete. (with 63.5x38.10mm section having thickness not less than 1mm)	4.00	sqm		
13	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately)				
13.1	Kiln seasoned selected planks of sheesham wood/Neem/Black Chucklam/pyima/tungping.				
13.1.1	30 mm thick shutters (window/vent shutters)	10.00	sqm		
14	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :				
14.1	Float glass panes				
14.1.1	4 mm thick glass pane (weight not less than 10kg/sqm).	10.00	sqm		
15	Providing and fixing 12 mm thick panelling or				

	panelling and glazing inpanelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick. The work includes cutting out the damaged panel from the existing door shutter and fixing new panel with required beading, all complete.				
15.1	Marine plywood conforming to IS: 710	10.16	sqm		
16	Extra for providing frosted glass panes 4 mm thick instead of ordinary float glass panes 4 mm thick in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	5.00	sqm		
17	Providing and fixing of cupboard shutter made of 19mm thick water proof kitply plywood having lifespan of not less than 10 years by cutting to required size. The shutter should be of single piece and fixed to the existing framework with nickel plated bright finished MS piano hinges.	12.00	sqm		
18	Removing old/damaged mesh of window/door shutters and providing and fixing of plastic/nylon mesh in window/door shutters including providing wooden beading wherever required all complete	50.00	sqm		
19	Refixing of dismantled door/window/ventilation shutters after repair work door/window/ventilation frames including minor adjustment to size of shutter by planing of sides of shutter/adding beading to shutter to match the size of frame as required all complete.				
19.1	Door shutter	10.00	each		
19.2	Window/ventilation shutter	10.00	each		
20	Supplying and fixing new wooden fillets wherever necessary: <u>14.8.2</u> Hollock/Neem/Black Chucklam/pyima/tungping wood fillets	55.00	metre		
21	Providing and fixing of 26 gauge thick aluminium sheet over the steel main door shutter with required screws/rivet, etc. at required intervals, including applying a coat of metal primer on both sides all complete.	2.00	sqm		
22	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge.	70.00	metre		
23	Providing and fixing factory made panel PVC door shutter consisting of frame made out of	22.00	sqm		

	M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing. 9.120.1 30 mm thick plain PVC door shutters				
24	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. complete :				
24.1	100x58x1.90 mm	175.00	each		
24.2	75x47x1.70 mm	20.00	each		
25	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
25.1	125 mm	10.00	each		
25.2	100 mm	100.00	each		
25.3	75 mm	10.00	each		
26	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
26.1	Twin rubber stopper	100.00	each		
27	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
27.1	200x10 mm	60.00	each		
27.2	150x10 mm	60.00	each		
27.3	100x10 mm	25.00	each		
28	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868),				

	transparent or dyed to required colour or shade, with nuts and screws etc. complete :				
28.1	300x16 mm	40.00	each		
29	Providing and fixing of SS eye hook of 150mm nominal size with required screws, etc. all complete	30.00	each		
30	Plaining of door and window shutters which are not closing/opening properly including making good the holes for tower bolts in frames for proper locking of doors and windows all complete.	20.00	each		
31	Chipping out the damaged portion of kitchen slab, wall, cupboard slab, etc. and cleaning the surface and reinforcement wherever applicable and making it free from any loose particles, rust and ready for applying mortar. Providing and laying cement sand mortar in two or three layers including finishing the surface with 1:1 cement sand plaster for a total depth of 50mm average thickness all complete	20.00	sqm		
32	Dismantling old damaged plumbing fittings and installations and providing and fixing the following new plumbing fittings and installations of approved make and quality, all complete				
32.1	100mm CP brass Shower with arm	10.00	nos.		
32.2	10L flushing cistern	15.00	nos.		
32.3	EWC seat cover	5.00	nos.		
32.4	CP brass bib cock	5.00	nos.		
32.5	CP brass angular cock	5.00	nos.		
32.6	connector pipe PVC 2' with brass unions	10.00	nos.		
33	Providing and fixing of exhaust fan of approved make and quality with metal body and size 225mm and providing electric connection as required.	15.00	nos.		
34	Applying priming coat:				
34.1	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	20.00	sqm		
35	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : 13.61.1 Two or more coats on new work	50.00	sqm		
36	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. (Note: Exterior wall of two storey high building; rate is to be quoted including scaffolding charges for two storey building)	55.00	sqm		
37	Providing and laying of PCC of 1:3:6 mix concrete at sill level of kitchen window including the cost of shuttering all complete as per the direction of Engineer-in-charge.	0.25	cum		
38	12 mm cement plaster of mix :				
38.1	1:4 (1 cement: 4 fine sand) (Note: Exterior wall of two storey high building; rate is to be quoted including scaffolding charges for two storey building)	55.00	sqm		

38.2	1:6 (1 cement: 6 fine sand) (lintel portion, sill portion and jambs of dismantled window/door/ventilation in an average width of 20cm)	50.00	sqm		
39	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	2.00	sqm		
40	Providing and applying damp proof waterproofing material of approved quality and make such as Asian Paints Damp Sheath/ Dr. Fixit Roofseal/Dr. Fixit raincoat or equivalent in two coats as per the manufacturer's specification on the exterior wall surface. (Note: The rate is inclusive of scaffolding work for 2 storey building)	55.00	sqm		
41	Finishing walls with Acrylic Smooth exterior paint of required shade : Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	55.00	sqm		
42	Shifting of dismantled materials such as door/window/ ventilation frames/shutters as per item at Sl. No. 1, 2, 3 from residential area to Estate section store upto a lead of 1 km, and stacking at site all complete as per the direction of Incharge Estate Section.	1 Job	LS		
				Total	

