



**ICAR - CENTRAL ISLAND AGRICULTURAL RESEARCH INSTITUTE**

Bathu Basti, Garacharma P.O, Port Blair - 744 105

ANDAMAN AND NICOBAR ISLANDS, INDIA

Tel: 03192 – 250235; Fax: 03192 – 251068

E-mail: [Sridham.Biswas@icar.gov.in](mailto:Sridham.Biswas@icar.gov.in), [director.ciari@icar.gov.in](mailto:director.ciari@icar.gov.in)

Website: <https://ciari.icar.gov.in>



F.No. 57(8)/16-17/Estate

Dated: 05.09.2022

**STANDARD ONLINE (E-PROCUREMENT MODE) BIDDING DOCUMENTS FOR CONSTRUCTION OF GOAT SHED OF SIZE 10 m (L) X 8 m (B) X 3.3 m (H) FOR CONSERVATION AND MULTIPLICATION OF ELITE GERMPASM FOR ANDAMAN AND TERESSA GOAT AT GARACHARMA FARM.**

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

**NOTICE INVITING ONLINE TENDER**

The Director, ICAR-CIARI, Port Blair, invites e-tenders through the website URL: <http://eprocure.gov.in/eprocure/app> under two bid systems from eligible and qualified bidders for construction of goat shed of size 10 m (l) x 8 m (b) x 3.3 m (h) for conservation and multiplication of elite germplasm for Andaman and Teresa goat at Garacharma Farm.

**CRITICAL DATE SHEET**

Tender ID (To be allotted by portal after uploading of tender)	2022_DARE_710298-1
Tender Reference No	File No. 57(8)/16-17/Estate Dated: 01.09.2022
Date of release of Tender through e-procurement Portal	05.09.2022 at 03.00 PM
Bid Submission Start Date (Online)	06.09.2022 at 10.00 AM
Last date for Receipt of EMD at ICAR-CIARI, Port Blair	28.09.2022 at 03.00 PM
Last Date & time for submission of online Bid	28.09.2022 at 03.00 PM
Date & time for opening of Bid	29.09.2022 at 03.00 PM
Address for Communication	The Director, ICAR-CIARI, Garacharma, Port Blair- 744105

*[Handwritten Signature]*  
05/09/22

**Assistant Administrative Officer (Works)**

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

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Website: <https://ciari.icar.gov.in>



File No. 57(8)/16-17/Estate/

Dated: 05.09.2022

## COMPETITIVE BIDDING TENDER DOCUMENT

### Name of the work:

Construction of Goat Shed of size 10 m (l) x 8 m (b) x 3.3 m (h) for conservation and multiplication of elite germplasm for Andaman and Teressa goat at Garacharma Farm.

### Size of the unit:

10 m (L) x 8 m (B) x 3.3 m (H) – 1 No.

### Terms & Condition:-

1. The tender should be accompanied with Earnest Money Deposit (EMD) of Rs. 32,000/- (Rupees Thirty two thousand only) payable through Demand Draft in favour of the Director, ICAR-CARI Unit, Port Blair. 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 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 of the concerned PI under the supervision of Incharge Estate Section as per the approved plan / structure of the Goat Shed.
4. The sketch of the proposed Goat Shed at Garacharma Farm is uploaded with the tender document in order to have an idea before quoting the rates.
5. The rate includes all labours, materials, transportation, tools and tackles etc. as required for completing the work.
6. The work should be started within **15 (Fifteen)** days from the date of issue of work order failing which the work order shall be treated as cancelled and EMD shall be forfeited on the recommendation by the concerned PI / Incharge, Estate Section.
7. The rate may be quoted after inspection of site and clarification of all details from the concerned P.I / Incharge, Estate Section.
8. The work should be completed within **90 (Ninety)** 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 to the contractors @ 0.50% per week, maximum of 10% of the total value of the contract.

9. The Director shall have the liberty to postpone or not to execute any 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 and specifications at site without the consent of the concerned PI / Incharge Estate Section.
11. 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.
12. 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 and get the work done through any other firm or agency. In such case the EMD/ Security deposit of the contractor shall be forfeited.
13. 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.
14. The contractor has to deposit 3 % of the tendered value of the contract through Bank Guarantee / Demand draft / Fixed deposit for the period of contract towards proper performance of the contract after issue of work order and the same shall be released after one year of successful completion of work and will be treated as guarantee for successful performance of completed works.
15. The contractor has to pay minimum wages as per the rate of Government to their labour force engaged for tendered work.
16. 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.
17. After completion of the work within 2 months, 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.
18. The Director, CIARI, Port Blair reserves the right to accept or reject any or all the tenders without assigning any reason thereof and the decision of the Director, CARI, Port Blair shall be final and binding to all concerned parties.
19. The Director, CIARI, Port Blair 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 Port Blair.

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

  
**Asstt. Administrative Officer (Works)**

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



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Website: <https://ciari.icar.gov.in>



### Annexure-I

#### 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:[http://eprocure.gov.in/eprocure /app](http://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:<http://eprocure.gov.in/eprocure/app>. Manual/offline bids shall not be accepted under any circumstances.

#### **For Registration**

2. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:<http://eprocure.gov.in/eprocure/app>) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
3. 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.
4. All the tender documents & price bid to be up loaded as per this tender are to be digitally signed by the bidder.
  1. All the communications with respect to the tender shall be addressed to: The Director, ICAR-CIARI, Garacharma, Port Blair – 744 105.
  2. 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, Experience certificates of similar nature of works, PAN Card, GSTIN.
- c. Scanned copy of Bank Account Details duly filled in Annexure-III
- d. Tender Acceptance letter (Annexure-IV)
- e. Scanned copy of Annexure-V duly filled-in column No. 04.
- f. Valid registration with employees provident fund organization under EPF and miscellaneous provisions Act, 1952.
- g. Annual audited turnover.

##### **(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**

- 1) The bidders may submit duly filled-in 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) Bidder 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: <http://eprocure.gov.in/eprocure/app> page = 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 drawn in any Nationalized Bank in favour of "ICAR UNIT-CARI" payable at SBI, Garacharma (Code No.SBIN0009670), Port Blair.
- 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, Port Blair. 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 Port Blair 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.

  
**Assistant Administrative Officer (Works)**

**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,  
Port Blair - 744 105.

Sub: Acceptance of terms and Conditions of tender.  
Tender Reference No:

Name of the tender/work:-

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Dear Sir,

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

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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)

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E-mail: [Sridham.Biswas@icar.gov.in](mailto:Sridham.Biswas@icar.gov.in), [director.ciari@icar.gov.in](mailto:director.ciari@icar.gov.in)Website: <https://ciari.icar.gov.in>**Annexure-V****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, PAN Card, GSTIN.			
3.	Tender Acceptance letter ( Annexure-IV)			
4.	Work experience certificates of similar work / building			
5.	Scanned copy of Income Tax Statement for the last two years.			
6.	Scanned copy of Bank details (Annexure-III).			
7.	Scanned copy of Annexure-V duly filling column No. 04			
8.	Annual audited turnover			

**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:

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

**REGISTRATION:**

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <http://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 bid is 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 <http://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. Tenderers 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 <http://eprocure.gov.in/eprocure/app>

KIND ATTENTION: FOR TAKING ASSISTANCE, IF ANY, VISIT  
CPP Portal website: [www.eprocure.gov.in](http://www.eprocure.gov.in)

FINANCIAL BID

Name of work: Construction of Goat shed of size 10 m (l) x 8 m (b) x 3.3 m (h) for conservation and multiplication of elite germplasm for Andaman and Teressa goat at Garacharma farm.

Scheduled of Quantities

Sl. No.	Description of Work	Quantity	Unit	Rate	Amount
1.	Cutting and uprooting of small trees girth upto 30 cm from the soil, removing and shifting 02 nos of electric poles fixed in the soil upto a distance of 500 metres, cutting/ pruning of branches of big tree having girth upto 100 cm and cleaning branch from the site as required.	1	Job		
2.	Hiring of mechanical excavator for earth cutting, filling, levelling of site etc complete as required. (About 154 sqm area or more). (The rate shall include the cost of poL and operator).	10.00	hours		
3.	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
	All kinds of soil.	10.00	cum		
4.	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	22.00	cum		

5.	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).	15.00	cum		
6.	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	3.00	cum		
7.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size).	7.00	cum		
8.	Centering and shuttering including strutting, propping etc. and removal of form for				
	Columns, Pillars, Piers, Abutments, Posts and Struts.	30.00	sqm		
9.	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	Cold twisted bars.	160.00	kg		

10.	Providing cement concrete solid block masonry with cement concrete solid block of size 400 X 200 X 200 mm laid in cement mortar 1:6 as required etc complete.	7.00	cum		
11.	12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)	90.00	sqm		
12.	12 mm cement plaster finished with a floating coat of neat cement of mix : 1:4 (1 cement: 4 fine sand)	150.00	sqm		
13.	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.				
	Hot finished welded type tubes	2000.00	kg		
14.	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.				
	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1480.00	kg		
15.	Providing and fixing bolts including nuts and washers complete.	100.00	kg		
16.	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.				
	Made of G.I. wire of dia. 4 mm, PVC coated to achieve outer dia not less than 5 mm in required colour and shade	95.00	sqm		

17.	Providing plastic coated slatted pet flooring of approved quality and brand for goat and fixing on the prefabricated angle iron framework . The slated sheet shall be made of polypropylene material with 500 kg load bearing capacity. The size of the sheet may be 1' X 2' or any other size with required arrangement for interlocking and fixing in frame on all sides or as per the requirement complete.	80.00	sqm		
18.	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	132.00	sqm		
19.	Providing and fixing precoated galvanised steel sheet roofing accessories per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
	Ridges plain (500 - 600mm)	12.00	metre		
	Barge board (Upto 300 mm)(gable side only)	20.50	metre		
	Gutter (600 mm over all girth)	24.00	metre		



20.	Supplying enamel paint of all colour of approved quality and brand	45.00	litres		
21.	Applying enamel paint 02 or more coats over structural steel framework and other framework etc to have a neat surface finish. (painting brush shall not be issued from the Institute)	1.00	job		
	Finishing walls with Acrylic Smooth exterior paint of required shade :				
22.	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	30.00	sqm		
		<b>TOTAL</b>			