



COIR BOARD

Scheme of Fund for Regeneration of Traditional Industries (SFURTI)

(Ministry of Micro, Small and Medium Enterprises, Govt. of India Project)

Society for National Excellence and Higher Achievement (SNEHA) (Implementing Agency for Rajkanika Coir Cluster) HIG 228 ,Kananbihar phase - 1, Post - Patia, Bhubaneswar , Dist - Khurdha, Odisha , PIN – 751031 Email: ngosneha228@gmail.com, Mob : 94372 68044, 7978152533

NIT No. 2/RAJKANIKA/2020

Date: 22.06.2020

RE-TENDER NOTICE

Sealed Tenders are invited by M/s Society for National Excellence and Higher Achievement (SNEHA) the Implementing Agency (IA) of Rajkanika Coir Cluster, from Registered Contractors for Construction of Five work sheds at (i) Akhulipada (ii) Akhulipada (iii) Pandarukoli (iv) Nuagaon (v) Kujjipur village, Rajkanika Block, Kenderapara District), Odisha under the Scheme of Fund for Regeneration of Traditional Industries (SFURTI) of Coir Board, Ministry of MSME, Government of India with financial assistance from Government of India.

The details of Tender conditions and terms can be downloaded from the website <u>www.coirboard.org</u>, <u>www.apitco.org</u>, www.<u>http://diodisha.nic.in</u>

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Bid Reference	:	RCC/2/2020
Date of placing of bidding document on	:	23.06.2020
website		
Pre-Bid meeting	:	29.06.2020 at 3.00 PM
		At office of the Regional Office
		Coir Board, Udyogpuri, Jagamara,
		Khandagiri, Bhubaneswar, Odisha
		- 751030
Queries/Clarifications answered by	:	01.07.2020
Last date and time for receipt of Bids	:	5.00 PM, 07.07.2020
Time and date of opening of Technical bid	:	11.00 AM, 08.07.2020
Time and date of opening of Financial bid	:	To be Confirmed later
Address for Communication	:	The Secretary
		Society for National Excellence
		and Higher Achievement
		(SNEHA), HIG 228, Kananbihar,
		phase - 1, Post - Patia,
		Bhubaneswar, Dist - Khurdha,
		Odisha, PIN – 751031
		Email: ngosneha228@gmail.com
		Mob : 94372 68044, 7978152533
OFFICER INVITING BIDS		The Secretary,
		SNEHA

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RE-TENDER FOR CONSTRUCTION OF 5 WORK SHEDS FOR COMMON FACILITY CENTRES OF RAJKANIKA COIR CLUSTER, KENDERAPARA DISTRICT, ODISHA

1. **PREAMBLE**

Scheme of Fund for Regeneration of Traditional Industries (SFURTI), the scheme of Ministry of MSME, Government of India envisages development of clusters to organize the traditional industries and artisans for their long term sustainability and economy of scale. Coir Board, the Nodal Agency of coir based industries clusters, has obtained approval for the development of Rajkanika Coir Cluster under SFURTI.

The scheme specifies the following institutional arrangement at the operational level:

- a) Special Purpose Vehicle (SPV) is formed to develop and manage the cluster
- b) An Implementing Agency (IA) is appointed to undertake scheme implementation
- c) Technical Agency (TA) is designated to assist and guide the scheme implementation

M/s. SNEHA, Implementing Agency for Rajkanika Coir Cluster having the administrative office at HIG 228, Kananbihar, phase - 1, Post - Patia, Bhubaneswar, Dist - Khurdha, Odisha, India, PIN – 751031, propose to establish a Common Facility Centres (5 CFCs) at different 5 locations of Kenderapara District, Odisha with the financial assistance from Government of India under SFURTI.

The scheme envisages establishment of upgraded production infrastructure, as the Common Facility Center (CFC), for the manufacturing of coir products and stipulates the work sheds construction and machinery procurement for the establishment of CFC should adhere the General Financial Rules (GFR) of Government of India. Accordingly, the tender procedures are being undertaken for the construction of CFC work sheds and procurement of machineries.

M/s.Rajkanika Coir SPV Trust, the Special Purpose Vehicle (SPV) of Rajkanika Coir Cluster, having the administrative office at HIG-228, Khanan Vihar, Phase-1, Post – Patia, Bhubaneswar, Khurda District, Odisha propose to establish a Common Facility Centres (CFC) at Rajkanika Block, Kenderapara District with the financial assistance from Government of India under SFURTI.

In this context, M/s SNEHA invites sealed tenders from Civil contractors in "Two Cover System" for the construction of 5 Common Facility Centres Work Sheds for Rajkanika Coir Cluster through transparent bidding process. The Re-Tender notification has been published fixing the date of opening of tender on 08.07.2020 at 11.00 AM.

2. SCOPE OF WORK

- a) The successful tenderer should undertake construction of 5 work sheds at different locations i) Akhulipada (ii) Akhulipada (iii) Pandarukoli (iv) Nuagaon (v) Kujjipur village, Rajkanika Block of Kenderapra District, Odisha as per the drawings, Work Specifications and Quantities given in **Annexure-I.**
- b) The successful tenderer should complete the construction of 5 work sheds within 90 days from the date of receipt of Work Order.
- (c) The tender comprises of 5 schedules (5 Nos.of Work Sheds). The tenderer can bid one or more Schedules (Works). Tender for each schedule (Work) has to be submitted separately and each schedule (Work) will be considered as separate tender. Bidders who apply multiple schedules (Works) shall comply with the conditions and clauses pertaining to the respective Schedules (Works) and shall submit the bid for each schedule (Work) separately. The drawings, Schedule (Work) Specifications & Quantities of each Work Shed are given in Annexure I.

S. N o.	Name of the Work	Earnest Money (Rs.) (EMD)	Time Allowed for Completi on (Months)	Total Estimate d Value for Civil Works (Rs. in lakhs)
1	Construction of Work Shed for Coir, Yarn, Mat & Geo-Textile Making (0.5 Mm Thick Gi Coloured Industrial Sheet Roof Shed with Ms 75 mm And 50 Mm Pipe Section Truss Support below Roof Shed) (50' X 30') At Akhulipada (V) Rajkanika Block, Kenderapara District, Odisha.	Rs.28,000/-	3 months	13.78
2	Construction of Shed For Raw Material Bank & Fibre Extraction (Swarna) (0.5 mm Thick GI Coloured Industrial Sheet Roof Shed With Ms 75 mm and 50 Mm Pipe Section Truss Support Below Roof Shed) (40' X 25') Akhulipada (V) Rajkanika Block, Kenderapara District, Odisha.	Rs.19,000/	3 months	9.09
3	Construction of Work Shed for Coir Yarn & Mat Making (0.5 mm Thick GI Coloured Industrial Sheet Roof Shed With MS 75 mm and 50 mm Pipe Section Truss Support Below Roof Shed) (40' X 25') at Plot No.209/608, Pandarukoli (V), Rajkanika Block, Kenderapara District, Odisha	Rs.19,000/	3 months	9.09

S. N o.	Name of the Work	Earnest Money (Rs.) (EMD)	Time Allowed for Completi on (Months)	Total Estimate d Value for Civil Works (Rs. in lakhs)
4	Construction of Work Shed For Coir yarn & Mat Making (0.5 mm thick GI Coloured Industrial Sheet Roof Shed With Ms 75 mm and 50 mm Pipe Section Truss Support Below Roof Shed) (50' X 20') Plot No.2211, Khata No.300, Mouza: Kissam Gharabari Nuagaon (V), P.S: Rajkanika District-Kenderapara, Odisha	Rs.19,000/	3 months	9.09
5	Construction of Work Shed For Coir Yarn & Mat Making (0.5 mm thick GI Coloured Industrial Sheet Roof Shed With MS 75 mm and 50 mm Pipe Section Truss Support Below Roof Shed) (40' X 25') at Kujjipur (V) Rajkanika Block, Kenderapara District, Odisha	Rs.19,000/	3 months	9.09

3. QUALIFICATION CRITERIA

Clause	Qualification Criteria	Supporting Document
a)	The tenderer should be a registered legal entity.	 (i) In case of Private/Public Limited Companies, Copy of Incorporation Certificate issued by the Registrar of Companies & Copy of Memorandum and Articles of Association (ii) In case of Partnership Firm, Registered Partnership deed (iii) In case of Proprietorship Firm, Copy of GST Registration Certificate
b)	The tenderer should be an eligible Civil Contractor	 (i) Valid Registration Certificate from PWD/ CPWD/Highways dept and State & Central Government Departments (ii) Valid registration of GST
c)	The tenderer should have at least 3 years of experience (as on 31 st January 2020) as Civil	(i) Work orders issued by clients(ii) Performance certificate issued by

Clause	Qualification Criteria	Supporting Document
d)	contractor. The Bidder must have	clients (iii) List of construction works executed in last 3 years as per Annexure-V (i) Work orders issued by clients
	successfully completed similar works during last 3 years of an equal quantity or value of works.	(ii) Performance certificate issued by clients
e)	The Bidder must have an average annual turnover in the last 3 years at least equal of the estimated cost (In case of bidders participating for multiple schedules, the average annual turnover should be at least equal of the cumulative estimated cost) and also must have a positive net worth as certified by a Chartered Accountant. (i.e. 2016-17, 2017-18 and 2018-19).	 (i) The average annual turnover statement duly certified by Chartered Accountant as per Annexure IV (ii) The Annual Report/certified copies of Balance Sheet, Profit & Loss statement along with schedules for the last 3 consecutive financial years
f	The tenderer should not have been blacklisted for supply of any items or services by any Government departments/agency	The declaration form as per Annexure VI should be enclosed.

4. LANGUAGE OF THE TENDER

The Tender prepared by the Tenderer as well as all correspondences and documents relating to the Tender shall be in English language only. If the supporting documents are in a language other than English, the notarized translated English version of the documents should also be enclosed.

5. PURCHASE OF TENDER DOCUMENTS

- 5.1 The tender document shall be downloaded from, <u>www.coirboard.org</u>, <u>www.apitco.org</u>, at free of cost. The tenderer should give a declaration for not having tampered the Tender document downloaded from Internet (as per Annexure-VII).
- 5.2 The tender document can be downloaded from 23^{rd} June to 7^{th} July 2020.

6. **PRE-BID MEETING**

There will be a pre-bid meeting on 29th June 2020 at 3.00 PM at office of the Regional Office Coir Board, Udyogpuri, Jagamara, Khandagiri, Bhubaneswar, Odisha – 751030 during which the prospective tenderer can be clarifications about the tender. The tenderers shall send their queries in writing if any so as to reach M/s SNEHA at least three days prior to the pre-bid meeting date. The tenderers may also check www.coirboard.nic.in,www.apitco.org not be able to identify and communicate with the prospective bidders at this stage. Non attending of pre-bid meeting is not a disqualification.

7. CLARIFICATION ON THE TENDER DOCUMENT

The tenderers may ask for queries in any of the clauses in the tender document after 48 hours of the Pre-Bid meeting. Such queries must be sent in writing to M/s SNEHA, HIG 228, Kananbihar, phase - 1, Post - Patia, Bhubaneswar, Dist - Khurdha, Odisha, India or by email to <u>ngosneha228@gmail.com</u>. IA will upload the clarification on <u>www.coirboard.nic.in</u>, <u>www.apitco.org</u>. It is binding on the part of tenderers to check the above said websites for any amendments or clarifications posted during the entire tender process.

8. AMENDMENT OF TENDER DOCUMENT

M/s SNEHA whether on its own initiative or as a result of a query, suggestion or comment of an applicant or Respondent, may modify the tender document by issuing an addendum or a corrigendum at any time before the opening of the tender, with the concurrence of the tender committee. Any such addendum or corrigendum will not be published in newspaper and instead be uploaded on, <u>www.coirboard.nic.in</u>, <u>www.apitco.org</u> and the same will be binding on all applicants or Respondents or Tenderers, as the case may be.

9. AUTHORISATION OF THE TENDERER

The Tender should be signed on each page by the Tenderer or by the person who is duly the case may be.

10. PRE-VISIT TO SITE

The tenderer, on his/her own responsibility, risk and cost, is advised to visit and examine the site conditions of works at (i) Akhulipada (ii) Akhulipada (iii) Pandarukoli (iv) Nuagaon (v) Kujjipur village, Rjakanika Block, Kenderapara District and its surroundings and obtain all information that may be necessary for preparing the bid and entering into a contract for the work(s) as mentioned in the Annexure (I).

11. SPECIFIC INSTRUCTIONS TO BIDDERS/CONTRACTORS FOR QUOTING OF RATES

11.1 The contractors are requested to read the detailed specification and quote the rates clearly in the Price bid. Quoting the rates in the Price bid will only be taken up for comparison and shall be final.

- 11.2 The tenders invited are based on item wise specifications & quantities mentioned in the Tender document. Any lumpsum deductions or increase or rebate offered either in the tender or in the covering letter or at any portion of the tender will be ignored and only the rates offered in the Price bid alone will be taken as valid rates and taken up for tender comparison. Rates or Lumpsum amounts for items not called for shall not be included in the tender. Any alteration made by tenderer in the contract form, the conditions to Contract, the drawings, specification, or quantities accompanying the same will not be recognized and if any such alterations are made the tender will be void.
- 11.3 The tenderer / contractor will make his/her/their own arrangements to procure and use ISI Brand Cement and ISI Brand steel required for the work.
- 11.4 It should be clearly understood that the rate quoted by the tenderer/ contractor is inclusive of incidental charges such as conveyance, loading, unloading, stacking at site and testing charges etc., Tenderer/contractor should make his own arrangements for water required for the works to be executed.
- 11.5 The ternderer/contractor have to make own arrangements for drawing electricity power from nearest power line after obtaining permission from the Power Supply Authority at his own cost. In case of failure of electricity, the contractor has to make alternate arrangements
- 11.6 The tenderer / contractor will produce test certificate obtained from any one of the Govt. institutions for cement and steel brought to site. And only when the test results confirm to the ISI specification they will be allowed to be used in the works.
- 11.7 The tenderer / Contractor should strictly follow above instructions without fail.
- 11.8 The tenderer/contractor should submit bills of quantities for each work executed and M.Book to be maintained.

12. SUBMISSION OF TENDER IN TWO COVER SYSTEM

- 12.1 Every page of the terms and conditions of the tender document should be signed and enclosed with tender, in token of having accepted the tender conditions. Failing which the tender will be rejected summarily.
- 12.2 Tenders should be submitted in two parts:
 - a) Part I will cover Technical Bid and
 - b) Part II will cover Price Bid
- 12.3 Tenderers should ensure submission of all documents along with Part-I and Part-I proposal as per the Check List given in **Annexure X.**
- 12.4 Tenderers are requested to submit Part-I and Part-II in a separate sealed covers. Part-I cover to be superscripted as "Part I – Technical Bid" and Part II cover to be

superscripted as "Part II – Price Bid" respectively. These two parts namely Part-I and Part-II must be placed in a separate sealed cover superscripted as "**Rajkanika Coir Cluster – Re-Tender for Construction of 5 Work Sheds in Rajkanika Block, Kenderapra District, Odisha**" and addressed to "The Secretary, M/s SNEHA HIG 228, Kananbihar, phase - 1, Post - Patia, Bhubaneswar, Dist - Khurdha, Odisha, India, PIN – 751031,Odisha, India." Containing the name and address of the Tenderer. **Tenders submitted without sealed cover would summarily be rejected.**

- 12.5 Tenders should be dropped only in the tender box kept at "The Secretary, M/s SNEHA HIG 228, Kananbihar, phase 1, Post Patia, Bhubaneswar, Dist Khurdha, Odisha, India, PIN 751031, Odisha, India." On or before at 3.00 PM on 7th July, 2020. Tenders will not be received by hand.
- 12.6 Alternatively, the tenders can be submitted through registered post or courier so as to reach the above address on or before 3.00 PM on 7th July 2020. Tenders received after the specified time will not be considered and M/s SNEHA will not be liable or responsible for any postal delays.
- 12.7 A tender once submitted shall not be permitted to be altered or amended.

13. EARNEST MONEY DEPOSIT

- 13.1 The tender should be accompanied by an Earnest Money Deposit (EMD) to the value specified as in the form of Demand Draft drawn on any Indian Nationalized/Scheduled Commercial Bank in favour of HI Account "M/s SNEHA payable at Bhubaneswar, Odisha. The EMD in any other form will not be accepted. The Earnest Money Deposit will be returned to the unsuccessful Tenderers.
- 13.2 EMD will be retained in the case of successful Tenderer and it will not earn any interest and will be dealt with, as provided in the terms and conditions of the tender.
- 13.3 Any request of the tenderer, under any circumstances claiming exemption from payment of EMD will be rejected and their Part II price offer will not be opened.
- 13.4 The amount remitted towards EMD is liable to be forfeited in case the Tenderer fails to undertake the contract after submission of the tender or after acceptance of the offer by M/s SNEHA.

14. VALIDITY

The rate quoted in the Tender should be valid for the acceptance by the Tender Committee, for a minimum period of 90 days from the date of opening of the Tender. The accepted rate is valid till the entire contract is completed. Escalation in the rate will not be entertained under any circumstances.

15. OPENING AND EVALUATION OF THE TENDER

- 15.1 The tenders received up to 5.00 PM as per the office clock on 7th July, 2020 will be taken up for opening. Tenders received after specified date and time will not be accepted. The Tender will be opened by the Tender committee at 11.00 AM on 8th July, 2020) in the presence of the available Tenderers/representatives of the Tenderers who choose to be present. The Tenderers or their representatives are allowed to be present at the time of opening of the tenders. The representatives of the tenderer have to submit authorization letter to the committee.
- 15.2 Tender committee will inform the attested and unattested corrections, before the Tenderers and sign all such corrections in the presence of the Tenderers. If any of the Tenderers or agents is not present then, in such cases the Committee will open the tender of the absentee Tenderer and take out the unattested corrections and communicate it to them. The absentee Tenderer should accept the corrections without any question whatsoever.
- 15.3 If the date fixed for opening of the tender happens to be a Government Holiday, the tenders will be opened on the next working day.
- 15.4 The Technical bid will be evaluated by Tender Committee in terms of the qualification Criteria. Tender Committee reserves the right to disqualify any of the tender if is not satisfied with the documents furnished.
- 15.5 After the completion of evaluation of technical bids, the tenderers declared as qualified by the Committee, will be informed the date of opening of Price bid (Part II).

16. PRICE OFFER

- 16.1 The Price bid should be kept only in the Part II cover.
- 16.2 The price bid should be prepared as per Annexure-IX.
- 16.3 The price should be neatly and legibly written both in figures and words.
- 16.4 In case of discrepancy between the prices quoted in words and figures lower of the two shall be considered.
- 16.5 If a bidder quotes NIL charges/consideration, the bid shall be treated as unresponsive and will not be considered.
- 16.6 Part-II bid should not contain any commercial conditions. Variation in the commercial terms and conditions of the tender will not be accepted.

17. EVALUATION OF THE PRICE

17.1 The Tender committee will examine for complete, properly signed and errorfree nature of the Price Bid (Part-II). 17.2 The comparison of the rates offered shall be based on the total all inclusive rates offered (i.e. sum of all inclusive rate offered for all the tendered items)

18. AWARD OF CONTRACT

- 18.1 The Tenderer who has quoted lowest price (L1) will be invited for negotiations. After finalizing the negotiated rate, Letter of Acceptance will be issued.
- 18.2 In unavoidable circumstances, such as receipt of very limited bids or the proposal prices are substantially higher than the market value / updated cost estimate or available budget, the committee may decide upon resorting to Negotiation with the lowest evaluated responsive bidder. In such cases, the Tenderer who has quoted lowest price (L1) will be invited for negotiations and after finalizing the negotiated rate, Letter of Acceptance will be issued.

19. SECURITY DEPOSIT

- 19.1 On receipt of the Letter of Acceptance from the M/s SNEHA, the successful Tenderer should remit a Security Deposit (SD) of 5% of the value of the contract, by way of either Demand Draft drawn on any scheduled commercial bank in favour of HI Account "SNEHA", payable at Bhubaneswar, Odisha or irrevocable Bank Guarantee in favour of M/s SNEHA" with a validly period of 12 months, within 10 (Ten) working days from the date of receipt of letter of acceptance. The EMD shall be adjusted with SD.
- 19.2 Any other amount pending with M/s SNEHA will not be adjusted under any circumstances, against the Security Deposit if so requested.
- 19.3 If the Security Deposit amount is not paid within the time specified, the EMD remitted by the Tenderer shall be forfeited, besides cancelling the communication of acceptance of the Tender.
- 19.4 Security Deposit amount remitted will not earn any interest.

20. AGREEMENT

The successful tenderer should execute an agreement as may be drawn up to suit the conditions on a non-judicial stamp paper of value, as prescribed in law on the date of remittance of Security Deposit and shall pay for all stamps and legal expenses incidental thereto. In the event of failure to execute the agreement, within the time prescribed, the EMD/Security Deposit amount remitted by the tendrerer will be forfeited besides cancelling the Tender.

21. ISSUE OF WORK ORDER

After payment of Security Deposit and successful execution of the agreement, Work Order will be released within 10 days by the IA. The successful tenderer should complete the construction of Work Sheds within 90 days from the date of receipt of Work Order.

22. DEFECT IDENTIFICATION AND IT'S RECTIFICATIONS

- 22.1 Defect Liability period shall be 6 months from the date of the completion of work. Any defect arising in the work in guarantee period due to faulty workmanship and faulty materials should be rectified by contractor at his own cost.
- 22.2 Any deficiency in concreting such as cracking, excessive honeycombing, exposure of reinforcement or other fault which entail replacement of the defective part by fresh concrete and whatsoever remedy reasonable required without hampering the structural safely and architectural concept, all at the cost of contractor.
- 22.3 The successful tenderer should submit bank guarantee equivalent to 10% of the total value of contract valid for 6 months towards Defect Liability.

23. EMPLOYMENT OF TECHNICAL ASSISTANTS

- 23.1 The tenderer shall employ qualified technical persons at his cost to supervise the work and the tenderer should ensure the presence of the technical persons at the site of work during working hours, monitoring all items of works and paying extra attention to such works as may demand special attention.
- 23.2 A movement register should be opened and maintained for Technical persons employed by the Contractor. The Technical persons should note the arrival and the departure timings every day along with their initials in a register. Such Register should be produced during inspection of the Inspecting Officers (Tender committee members).

24. PAYMENT TERMS

- 24.1 **20% of the contract value** will be paid on completion of Foundation level works and submission of Stage level completion certificate by a Chartered Engineer, based on the inspection report by Tender Committee.
- 24.3 **40% of the contract value** will be paid on completion of roof level works and submission of Stage level completion certificate by a Chartered Engineer, based on the inspection report by Tender Committee.
- 24.4 **35%** will be released on completion of the remaining works
- 24.5 **5% and Security Deposit** will be released only after satisfactory completion of the entire contract based on the inspection report by Tender Committee and submission of Chartered Engineer's work completion & valuation certificate and bank guarantee equivalent to 10% of the total value of contract valid for 6 months towards Defect Liability.
- 24.5 IA also reserves the right to recover any dues from the tenderer, which is found on later date, during audit/excess payment, after final settlement is made to them. The successful tenderer is liable to pay such dues to the IA immediately on demand, without raising any dispute /protest.

25. PENALTY

- 25.1 Failure to execute the entire contract within 90 days from the date of issue of work order will attract a penalty of 1% per week, on the full value of the contract up to a maximum of 5%. Delays beyond that period will be viewed as violation of the contract terms and will be dealt accordingly.
- 25.2 Implementing agency reserves the right to inspect the site at any point of time during the contract period to ensure the progress and quality of work carried out. During the inspection, if any discrepancies found in the quality of work / material used, the IA, with the approval of the tender committee, reserves the right to order for any rework(s) / replace any item(s) of material, as the case may be, in order to ensure the quality of work / progress as per the contract terms.
- 25.3 All the materials used for construction shall be first use, new, high quality material. Old or Used materials will not be accepted and if found, the decision of Committee, either for rework / replace / deduction in payment shall be binding on the contractor.
- 25.4 Any delay on the part of IA should be intimated and sorted out immediately without affecting the progress of works.

26. TERMINATION OF CONTRACT

IA reserves the right to terminate the contract at any time during the validity period on account of non-fulfillment of contract or for any of the reasons.

27. GENERAL CONDITIONS

- 27.1 The Bidders can quote for any no. of Schedules (Works) (one or many) as per their choice.
- 27.2 Bidders would be required to submit their bids in the paper form only.
- 27.3 Conditional tender in any form will not be accepted.
- 27.4 Any notice regarding any matters, to the contractor shall deemed to be sufficiently served, if given in writing to his usual or last known place of business.
- 27.5 Tender committee reserves the right to relax or waive or amend any of the tender conditions.
- 27.6 The successful tenderer shall not outsource/off load either full or part of the work to any other agency / individual.
- 27.7 If the performance of the tenderer is not as per the schedule, then tender committee reserves the right to cancel / reallocate full or part of the contract, at any stage of the contract execution.

- 27.8 Insurance The Contractor/supplier shall provide, in the joint names of the Implementing Agency and the contractor/supplier, insurance cover from the Start Date to the end of the Defects Liability Period i.e., 6 months after completion for the following events which are due to the Contractor/supplier's risks.
 - a) loss of or damage to the Works, Plant and Materials;
 - b) loss of or damage to the Equipment;
 - c) loss of or damage of property in connection with the Contract; and
 - d) Personal injury or death of persons employed for construction.
 - e) Policies and certificates of insurance shall be delivered by the Contractor/supplier to the Secretary at the time of concluding agreement of the work. All such insurance shall provide for compensation to be payable to rectify the loss or damage incurred.
 - i) The contractor/supplier shall furnish insurance policy in force in accordance with proposal furnished in the Tender and approved by the Implementing Agency for concluding the agreement.
 - ii) The contractor/supplier shall also pay regularly the subsequent insurance premium and produce necessary receipt to the Engineer-in-Charge, well in advance.
 - iii) In case of failure to act in the above said manner the Implementing Agency will pay the premium and the same will be recovered from the Contractor/suppliers payments.
 - iv) Alterations to the terms of insurance shall not be made without the approval of the Engineer-in-Charge.
- 27.9 Contractor/supplier's Risks All risks of loss of or damage to physical property and of personnel injury and death, which arise during and in consequence of the performance of the Contract, are the responsibility of the Contractor/supplier.

28. ARBITRATION

- 28.1 In case of any dispute in the tender, including interpretation, if any on the clauses of the tender or the agreement to be executed, the matter shall be referred by M/s SNEHA/Tenderer to an Arbitrator to be appointed by the Parties hereto by mutual agreement. If no such Arbitrator could be appointed by mutual consent, the matter may then be referred to the Chairman, Coir Board for nominating an Arbitrator, the Arbitration proceedings being governed by the Arbitration and Conciliation (Amendment) Act 2015.
- 28.2 The venue of the Arbitration shall be at the Regional Office, Coir Board, Bhubaneswar. The decision of the Arbitrator shall be final and binding on both the parties to the Arbitration.

28.3 The Arbitrator may with the mutual consent of the parties, extend the time for making the award. The award to be passed by the Arbitrator is enforceable in the court at Bhubaneswar only.

29. JURISDICTION OF THE COURT

Any dispute arising out of non-fulfillment of any of the terms and conditions of this Tender/Agreement or any other dispute arising out of the arbitration award will be subject to the jurisdiction of the Courts in Bhubaneswar only.

We agree to the above terms and conditions.

SIGNATURE OF THE TENDERER

DATE:

NAME IN BLOCK LETTERS:

DESIGNATION:

ADDRESS:

TECHNICAL SPECIFICATIONS

[INCORPORATED AS PER REQUIREMENT OF THE WORK PUT TO TENDER WITH THE RELEVANT SPECIFICATION AND NUMBER]

SPECIFICATIONS & QUANTITIES AND PRICE BID (Schedule – A)

Schedule – 1A

Estimated Quantity of material for Construction of Shed for Yarn, Mat & Geo-Textile making (GI Sheet Roof Shed) (50' x 30') # Plot No.450/834, Khatiyana No.195/12, Mouza: Akhulipada, P.S: Rajkanika, District-Kenderapara, Odisha

Sl.	Description			N	leasuren	nents		QTY	Unit	Data		Per	Amount
No.	of item		Nos	5.	L	В	D	QII	Umt	Rate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	Earth work ex												
	means) with init							•					
	& Clayey Soils						•	•					
1	Soils (SS 20-H												
1	charges such as dewatering incl												
	charges etc., co												
	seignerage char												
	Foundation of B				0	0	,	I					
	F1	1	X	8	4.00	4.00	5.00	640.00					
	Basement												
	walls												
	Long wall	1	х	2	23.00	2.00	1.50	138.00					
	Short wall	1	х	2	25.50	2.00	1.50	153.00					
								931.00	Cft		1	Cft	
	Plain Cement C	onc	rete	corre	esponding	g to M7.	5 grade	as per IS					
	456 equivalent												
	fine aggregate:												
	Blasted Granite				,			1 2					
2	including cost a sand, coarse ag												
4	other taxes on a												
	labour charges				· •								
	in layers in p												
	surface, curing							excluding					
	seigniorage char	ges	, foi										
	F1	1	х	8	4.00	5.00	0.33	53.33					
	Basement walls												
	Long wall	1	х	2	23.00	2.00	0.33	30.36					
	Short wall	1	х	2	25.50	2.00	0.33	33.66					
	Flooring bed	1	х	1	48.50	28.50	0.33	460.75					

Sl.	Description			N	leasurer	nents		QTY	Unit	Rate		Per	Amount
No.	of item		No	s.	L	B	D	QII	Omt	Nate		Unit	
1	2		3	4		5	6	7	8 Cft	9		10	11
		578.10									1	Cft	
3	Vibrated Reinfo weigh batching machine crush approved quarr cement per 1 c of all material aggregate, wat including cent runners & stagi shuttering, ma charges, curing it's fabrication excluding seign) u ed y, u um s li er o erin ng i achi etc	sing grad ising of c ike o etc., g us inclu ne : ., cc harg	g 20n ded g a r concr ceme to sing uding mixin omple es f	nm size (metal (ninimum eteinclud nt, fine site and Cashew g all brac ng, layin ete but ex or finisl								
a	For Footings		Ī										
	:- F1	1	x	8	4.67	4.67	1.50	261.70					
								261.70	Cft		1	Cft	
b	For Pedestals												
	:- F1/P1	1	v	8	1.67	1.50	2.00	40.08					
	Γ1/Γ1	1	X	0	1.07	1.50	2.00	40.08	Cft		1	Cft	
	For Columns :	upt	to b	otton	n of the			40.00	CII		1	Cit	
c	plinth beam	-	1	1									
	C1	1	Х	8	0.75	1.50	0.90	8.10	~		_	~	
								8.10	Cft		1	Cft	
4	Plain Cement C 456 equivalent fine aggregate: Blasted Granite including cost sand, coarse ag other taxes on labour charges in layers in p surface, curing seigniorage cha and Flooring Be Bottom of Plinth Beam:	to Co e (Is and greg all such such ositi g co rges	(1:5 oarse S38. cor gate mate h as tion oncr	:10) e ag 3, 19 nveya , wat erials mix not rete,	proportion gregate) (70) meta ance of a grer etc. to s, all ope ing, layin exceedi etc., o	on nomi using 4 al from all mate o site, in erational ng and 1 ng 15c complet	nal mix 40mm s approve rials like ncluding , incider camming m, finis e but o	(cement: ize Hard ed quarry e cement, sales & ntal, and concrete hing top excluding					
	Beam:- Intermediate				<u> </u>	1.00	0.00	0.15					
	beams	1	X	1	28.5	1.00	0.33	9.40					
	Í.	1	1	i.									

N T	Description			\mathbf{N}	leasuren	nents	1	QTY	Unit	Rate		Per	Amount
No.	of item		Nos	s.	L	B	D	Q11	Omt	Nate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
5	Sand) using Hat including cost stones, cement, on all materials such as cutting cement mortar, but excluding s	Random Rubble stone masonry, in CM (1:8) prop: (Cement: Sand) using Hard blasted Granite stones from approved quarry including cost and conveyance of all materials like Granite stones, cement, sand, water, etc., to site sales & other taxes on all materials, all operational, incidental, and labour charges such as cutting stones to required size and shape, mixing of cement mortar, constructing masonry, curing etc., complete but excluding seigniorage charges for finished item of work for foundation and basement											
	Basement wall between Columns												
		1	х	2	48.00	1.50	3.17	456.48					
		1	х	2	28.00	1.50	3.17	266.28					
								722.76	Cft		1	Cft	
	layers not excee	ding	g 15	icm th	hick, con	solidati	ng each						
6		eding ag ar e wo r c	g 15 nd ra ork har	icm tl ammi site ges,	hick, con ng inclue and all seignora	solidatin ding cos operatic age ch	ng each o st and co onal & i arges, l	deposited nveyence ncidental nire and	Cft		1	Cft	

Sl.	Description			N	leasuren	nents		QTY	Unit	Rate		Per	Amount
No.	of item		Nos	5.	L	B	D	QII	Umt	Nate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
8	Vibrated Reinfo weigh batching machine crush approved quarry cement per 1 crush of all materials aggregate, watch including centor runners & stagi shuttering, ma charges, curing it's fabrication of finished item of) usi led a m oncreated to sement to sing iding mixin mple	ing 20mi metal (ninimum eteinclud nt, fine site and Cashewn all bract ng, layin te but ex	rd granite te) from 0 kgs. of nveyance d), coarse materials Wooden bers etc., rating,lift steel and									
a	For Plinth beams :-												
	Plinth beams												
	Long wall	1	х	2	50.00	0.75	0.75	56.25					
	Short wall	1	х	4	28.50	0.75	0.75	64.12					
								120.37	Cft		1	Cft	
b	Columns up to roof												
	C1	1	Х	8	0.75	1.50	15	135.00					
								135.00	Cft		1	Cft	
c	For Roof beams; -				1.50.0								
	Tie beam- all round	1	x	1	160.0 0	0.75	1.00	120.00					
								120.00	Cft		1	Cft	
9	Reinforced Cen batching) us machine crush approved quarry cement per 1 cu of all materials aggregate, wate including center runners & stagi shuttering , ma curing etc., con fabrication cha finished item of	ing ed y, u im o s li er e ering i ng i ng i nghi mplo	20n grac sing of co ke c etc., g us nclu ne r ete	nm s led a g a m oncre cement to s ing iding nixin but of t ex	ize (SS metal (ninimum te incluc nt, fine site and Cashewn all brac ng, layin excluding cluding	5) har Coarse quantit ling cos aggrega cost c rina Bal ings, cro g concr g cost	d blaster aggrega y of 350 t and co te (Sanc of all lies and oss mem rete, lift of steel	d granite te) from 0 kgs. of nveyance d), coarse materials Wooden bers etc., charges, and it's					
	Ground Floor Rolling	1	x	1	12.00	0.75	0.33	2.97					

Sl. Description No. of item				N	leasurer	nents		OTV	Unit	Rate	Per		Amount
No.	of item		No	s.	L	В	D	QTY	Unit	Kate		Unit	Amount
1		2		3		4	5	6	7	8	9		10
	shutters												
	RS-1	1	x	2	8.30	0.75	0.33	4.10					
	Windows	1	х	6	5.00	0.75	0.33	7.42					
								14.49	Cft		1	Cft	
10	Fly ASH Bricks 50 Kgs / Sqci conveyance of water etc., to materials, all o as mixing cemi charges, lift cl seigniorage cha	m fi all 1 site pera ent harg	rom mate , in tion mor ges,	appr erials cludin al, in tar, c curin	roved so like cerr ng sale cidental construct g, etc.,	urce in- lent, san as & ot and lab ing mas comple	cluding id, fly a her tax our cha onry, s te but	cost and ash bricks, tes on all arges such caffolding					
	Up to Lintel level												
	Allround brick wall	1	x	1	160.0 0	0.75	7	840.00					
	Up to Roof level Above												
	LL Allround brick wall	1	x	1	160.0 0	0.75	6	720.00					
	Allround brick wall Deuct Columns	1	x x	1 8		0.75 1.50	6 15	720.00					
	Allround brick wall Deuct				0								
	Allround brick wall Deuct Columns Deduct Rolling	1	x	8	0	1.50	15	-135.00					
	Allround brick wall Deuct Columns Deduct Rolling shutter Deduct Rolling	1	x x	8	0 0.75 12.00	1.50 0.75	15 7	-135.00 -63.00					

Sl.	Description			Ν	leasurer	nents	1	QTY	Unit	Rate		Per	Amount
No.	of item		Nos	5.	L	В	D	QII	Omt	Nate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
11	Reinforced cem weigh batching hard blasted gra approved quar cement per 1 Co of all materials aggregate, wate including cent runners & stagi shuttering, mach 7.5cm thick at average thickn for mixing, lay of steel and its charges for finis) to anite ry to um of s lik er e erin ng i hine fixe ess ing, s fat	usin e gr usin of c ce c etc. g u nclu ed e of cur orica	g 201 caded g a 1 concre cemer to s sing iding xing, nd a 6.25 ing e ation	mm size metal (a minimum ete inclue nt, fine ite and Cashewr all brac laying nd 5cm t cm inc etc., con charges	(SS 5) coarse n quanti ding cos aggrega cost of rina Bal ings, cro concrete thick at cluding nplete b	machin aggrega ity of 3 at and co te (sand all lies and oss men e, for su free end labour ut exclu	e crushed tte) from 50 Kg of onveyance d) ,coarse materials l Wooden abers etc., nshade of with an charges uding cost					
	For sun shades												
	Rolling shutters RS-1	1	x	1	12.00	1.50		18.00					
	RS-2	1	X	1	9.00	1.50		13.50					
	Windows GF	1	х	6	5.00	1.50		45.00					
								76.50	Sft		1	Sft	
12	Plastering 12mi thick in CM (1 dubara sponge materials like c taxes on all m charges such a charges, includi directed by En complete but Surfaces of Wa Internal	:6) fini eme ateri as i ng o gine exc	and sh ials, ials, mixi cutt er ludi	l top incluc sand, all o ing r ing o - in - ng s	coat of ding cos water e perationa nortar, f Groove charge, eigniora	4mm th t and c tc., to s al, incic scaffold es wher , finishi ge cha	CM (1:4) nce of all s & other nd labour arges, lift cessary as ring, etc.,						
	plastering												
	Long wall	1	X	2	48.50		16.00	1552.00					<u> </u>
	Short wall	1	Х	2	28.50		16.00	912.00					
	1							2464.00	Sft		1	Sft	

SI.	Description			Ν	leasuren	nents		OTV	TT	Data		Per	A
No.	of item		Nos	s.	L	В	D	QTY	Unit	Rate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
13	Plastering 20m thick in CM (1 dubara sponge materials like co taxes on all ma charges such charges, finishi necessary as dir complete but of Surfaces of Bri plastering)	:6) fini eme teria as ng, recte excl	and ish i nt, s als, mix inc ed b udir	l top incluo sand, all o cing cludin y Eng ng se	coat of ding cos water et perationa mortar,s g cuttin gineer - i signiorag	4mm th t and c c., to sit al, incid caffoldi g of G in - char e charg	hick in (conveyante, sale lental an ing cha brooves rge, cur ges for	CM (1:4) ace of all s & other d labour rges, lift wherever ing, etc., Uneven					
	Allround wall												
	Long wall	1	x	2	50.00	14.0 0		1400.0 0					
	Short wall	1	x	2	28.50	14.0 0		798.00					
	Deduction												
	Windows	1	х	-6	5.00	5.00		-150.00					
	RS-1	1	х	-1	12.00	7.00		-84.00					
	RS-2	1	х	-1	8.25	7.00		-57.75					
								1906.2 5	Sft		1	Sft	
14	In - situ - Gra CC(1:1:2) Prop crushed metal flooring bed (1 panels of size no top surface to re directed by the conveyance of site, seigniorag materials, all op as mixing of cer complete for fin	in the second se	sing 1 m 10) xcee red ngin mate char tion	5 6mi onoli with eding smoo eer - erials ges, al, in oncret	m to 12 thically 40mm 1.50m x thness ar in - ch like cer sales a cidental e, laying	mm siz over 1 HBG n 1.50m nd slope arge in nent, sa nd oth and lab	te HBG 00mm (netal in and fini- es, thread cluding and, wate er taxes	machine thick CC alternate ishing the l lining as cost and er, etc. to s on all rges such					
	Shed area					20.7							
	Floor area	1	x	1	48.50	28.5 0		1382.25					
								1382.25	Sft		1	Sft	

Sl.	Description			N	Ieasuren	nents		OTV	Unit	Data		Per	Amount
No.	of item		Nos	5.	L	В	D	QTY	Unit	Rate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
15	Supply, diluting CONSTRUCTION continuous cher pits, wall trench junction of wall building, expans which apron is etc., complete a ground floor on	ON mica les, ll au sion to b s pe	AL al b base nd f join be la er sp	anti- arrier ement floor, nts, to id, su pecifi	termite t r under t excavat along t op surface urroundir cations (reatment and alr ion, top he exte e of con ngs of p Plinth a	nt and c ound the surface rnal per isolidated pipes and irea of b	reating a e column of plinth, imeter of d earth on conduits					
	Shed area												
	a) Chloropyripho s emulsifiable concentrate 20% with 1% concentration or approved equivalent as specified.	1	x	1	48.50		28.5	1382.2 5					
								1382.2 5	Sft		1	Sft	
16	Plain Cement C 456 equivalent fine aggregate: Blasted Granite from approved materials like c site, including operational, including seigniorage char	to Co (IS qua cemo sa ciden co	(1:2 parse 383, urry ent, ales ntal	2:4) f e agg , 197 inclu sand & c and ete,	oroportio gregate) 0) Machi uding cos l, coarse other tax labour o etc., c	n nomi using 2 ine Crus st and c aggreg es on charges complete	nal mix 20mm s shed grac conveyar ate, wate all mate such as e but o	(cement: ize Hard ded metal nee of all er etc. to erials, all					
	Flooring bed	1	x	1	48.50	28.5 0	0.33	460.75					
	Ramp base	1	X	1	10.00	5.00	0.33	16.66					
								477.41	Cft		1	Cft	

SI.	Description			Μ	easuren	nents		QTY	Unit	Rate		Per	Amount
No.	of item	Ν	Nos.	•	L	В	D	ŲII	Omt	Kate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
17	Providing & Fi. made of pre-pa galvanized as pe and the section mullion of 72 section of 12 x and outer frame shutters, fly mes and fly mesh sh latch 2 Nos of shutter and pane grade), fitted windows in the expanding scre- with 6" (152.4)	inted er IS for x 12 m e & sh an utter heav elled using con ews,	l ste 277 our 50n m a mul d a sec y d and g ru acret incret	eel a 7 fini tter f nm, ind so llion 20 m ction luty d S.S ubber te/ma cludi	s per IS ish paint rame of section ection for section of 20 > stainless S. Mesh r gasker asonry y ng 10r	5 513 o ted with f 72 x for fix or shutte s with ision fo x 40 n s steel for fly ts inclu wall by nm Sq	f 0.58 m a polyes 55mm, ked glass rs of 48 rebate for r guard b nm, stay, pivot hi mesh shu uding fit y means juare gu	nm thick ster paint , centre beading x 25 mm or glazed pars/grills handles, nges per tter (304 xing the of self iard bars					
	Shed area	1	X	6	5.00		5.00	150.00					
								150.00	Sqm		1	Sqm	
18	Supply and fixing with outer angu- 2525 of size 25 square rods at vertically include and other taxes, all labour charge	lar f 5x25x 100 led r cost	ram x4m)mm redo t an	ie of im w n cei oxide id coi	rolled s relded w ntre to primer nveyanc	teel equivith safe centre of grad e of all	al angle ty bars of horizont le-I qual material	of ISA of 10mm ally and ity, sales s to site,					
		1	x	4				4.00					
								4.00	Nos		1	Nos	
19	Supply and fixit with outer angu 2525 of size 25 square rods at vertically include and other taxes, all labour charge	lar f 5x25x 100 led r cost	ram x4m)mm redo t an	ne of nm w n cen oxide nd con	rolled s relded w ntre to primer nveyanc	teel equivith safe centre of grad e of all	al angle ty bars of horizont le-I qual material	of ISA of 10mm ally and ity, sales is to site,					
	Windows	1	X	6				6.00					
								6.00	Nos		1	Nos	

Sl.	Description			N	leasuren	nents		QTY	Unit	Rate		Per	Amount
No.	of item		Nos	5.	L	В	D	QII	Umt	Kate		Unit	Amount
20	2 Supply & fixin machine rolled their entire leng locks, mounted nominal bore M channels, stopp for inside & including cost with one coat of all accessories of special spn: 110	CR gth on AS ers, out of h of ap etc o	CA and spec B c bot side nood ppro	lat join cially lass ttom loc l cov oved s plete	hs, inter ted toget designed pipe wit locking king wi er and s steel prin for finis	locked ther at d pipe s h brack plates a th pusl prings o mer, loc	together the ends haft of 5 ets, plat and arran n-pull o complete ks, ball m of wo	through by end- omm dia es, guide ngements perations e, painted bearings, rk as per	8	9		10	11
	RS 1	1	Х	1	12.00		8	96.00					
	RS-1	1	X	1	8.25		8	66.00 162.00	Sft		1	Sft	
21	Whiting to new equavalent qua brushing the su including cost a site, sales & oth charges such a complete for fin	lity rfac and ner t s cl	to e to con axes eani	give rem veya s, all ing th	an even ove all 1 nce of all operation he surface	shade oose po ll mater nal, inci ce, pain	after the wdered ials and dental and ting, cu	oroughly materials water to nd labour					
	Internal wall surface Long wall	1	X	2	28.50	16.0		912.00					
	Short wall	1	x	2	48.50	0 16.0 0		1552.0					
								2464.0 0	Sft		1	Sft	
22	Painting to New paint of superior base coat of ce coats in all to gi surface to remor and conveyance conveyance of a sales & other charges such as complete for fin Walls.	or q omen ve a ve a ce ill m taxe	uali nt p in ev ll lo of nater es, a affol	ty of rimer ven sl ose p all rials, all oj ding	approve exterior nade afte owdered material cost of b perationa charges,	ed brand r grade r thorou l materia s, incl rushes, il, incid lift cha	and sh -II mak ghly bru als, inclu uding c water to ental an arges, cu	ade over ing three shing the ding cost cost and site, etc., ad labour ring etc.,					
	External wall												

SI.	Description			\mathbf{N}	leasurer	nents	1	QTY	Unit	Rate		Per	Amount
No.	of item		No	s.	L	В	D	QII	Omt	Natt		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	Short wall	1	х	2	25.00		16.00	800.00					
	Ded Rolling shutter	1	x	1	12.00	7.00		-84.00					
	RS-1	1	x	1	8.25	7.00		-57.75					
	Ded Window	1	x	6	5.00	5.00		-150.00					
								2108.2 5	Sft		1	Sft	
23	Painting to Net synthetic ename steel primer inc site, sales & oth charges etc., con	el pa ludi ner t	aint ing o taxe	first o cost a s, inc	quality a and convi idental, o	ll shade eyance operatio	s over ar of all ma nal and a	existing terials to all labour					
	RS	1	x	2	12.00		7.00	168.00					
	RS-1	1	x	2	8.25		7.00	115.50					
	W/V	6	x	2	5.00		5.00	300.00					
								583.50	Sft		1	Sft	
24	cover blocks of forming grills for and drawings if approved source conveyance of spacers, dowels and labour ch position, tying materials compl	or re nclu ces bind , w arge etc.	einfo udin to ding asta es s ., ai	orcem g cos site g wire ge ete uch nd sa	nent worl st and c of wo e, cover c., and a as cuttin les & o	l designs ars from cost and overlaps, acidental, acing in							
	For Footings	1	x	1	261.7 0	2.75	Kg/Cf t	719.6	Kg				
	For Pedestal	1	x	1	40.08	3.50	Kg/Cf t	140.2 8	Kg				
	For Columns	1	x	1	135.8 1	3.40	Kg/Cf t	461.7 5	Kg				
	For Plinth beams	1	x	1	120.3 7	2.75	Kg/Cf t	331.0 2	Kg				
	For tie beams	1	x	1	120.0 0	2.75	Kg/Cf t	330.0 0	Kg				
	For Lintels	1	x	1	10.39	1.50	Kg/Cf t	15.59	Kg				
	For Sunshades	1	x	1	3.38	1.00	Kg/Cf t	3.38 2.00	Kg MT		1	МТ	

Sl.	Description			N	leasure	ments	•	QTY	Unit	Rate		Per	Amount
No.	of item		No	s.	L	B	D	QII	Umt	Kate		Unit	Amount
1	2		3	1	4	5	6	7	8	9		10	11
25	Supplying fabri works like trus using structural charges, erecting blocks derek po	ses, ste g in	sta el) i pos	inchio incluo sition	ons, hear ding cos s and fix	vy beam t of wel ting by t	ns and g ding roo ising cha	gutter (by ds, power ain pulley					
	Roof shed with king post truss an a span of 30'	1	x	30	50	1500	0.50	750.00	Kg				
	Purlins & Ties @ 18% of truss weight							135.00					
								885.00	Kg		1	Kg	
26	Supply and Fix 0.5mm thick gat to the purlins w washer. Side la screws. End lap The sheets are including cost a and other axes, item of work	lvan vith aps os a pro and	14 are are to vide con	d / pro size s stitc b be s ed wi nveya	e painted self drill hed wit sealed w th anti once of a	eets fixed neoprene / drilling utyl tape. complete site, sales							
	Roof area	1	x	1	52		32	1664.00					
								1664.00	Sft		1	Sft	
27	Providing 110 Nandhini) down pressure of ISI Bends, shoes, P in position incl sales & other incidental charg site etc., and C finished item of	n w I m VC ludii tax ges Over	ater arke clar ng o ces incl thea	take ed in nps a cost a on r uding	pipes of cluding nd all ot and con naterials g all lab	with soc cost of her acce veyance to site our char	ket, 6 necess ssories a of all e, opera rges for	5kg/sq.cm ary PVC and fixing materials, ttional & fixing at					
	DT pipes	1	X	2	20			40.00					
								40.00	Rft		1	Rft	
											Tot	al >>>	

In words (Rupees.....Only)

<u>Schedule –2A</u>

Estimated quantity of material for Construction of Shed for Raw material Bank & Fibre Extraction (SWARNA) (GI Sheet Roof Shed) (40' X 25') at # Plot No.450/834, Khata No.195/12, Mouza: Akhulipada, P.S: Rajkanika, District-Kenderapara, Odisha

Sl	Description of			M	easurei	ments						D	
N 0.	Description of item		Nos	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
1	Earth work exca means) with init Loamy & Claye Ordinary Grave operational incid strutting, sheeting of hire charges of finished item of dewatering char Building.	ial ey lly lent g, p f T wo	lead Soi al I lanl & H ork	1 of 1s 1i oils labouking P, 1at excl	10m a ike BC (SS ur char and de bour ch uding s	nd init 20-B ges su wateri arges e seigner	tial lift s, Red) inclu uch as ng inclu etc., con rage cha	of 3m in Earth & Iding all shoring, Iding cost mplete for arges and					
	F1	1	x	6	4.00	$\begin{array}{c} 4.0 \\ 0 \end{array}$	5.00	480.00					
	Basement walls												
	Long wall	1	x	2	13.0 0	2.0 0	1.50	78.00					
	Short wall	1	x	2	20.5 0	2.0 0	1.50	123.00					
								681.00	Cft		1	Cft	
2	Plain Cement Co per IS 456 equiv (cement: fine ag size Hard Blast approved quarry materials like cer site, including so operational, inci mixing, laying ar not exceeding concrete, etc., charges, for finist	vale greg ed in nen sale den id r 150	nt t gate Gr clue t, s s & ntal, cam cm, cor	to (1 e: Co anite ding and, and, and, and, and, and, and, and,	:4:8) p oarse a e (IS38 cost a coarse her taxe and lat g concre nishing te but	roport ggrega 33, 19 and co aggreg es on bour co ete in 1 top exclue or Fou	ion non ate) usin 70) me onveyan gate, wa all mat charges layers in surface ding se	ninal mix ng 40mm etal from ce of all ter etc. to erials, all such as n position e, curing igniorage					
	F1	1	x	6	4.00	5.0 0	0.33	40.00					
	Basement walls												
	Long wall	1	x	2	13.0 0	2.0 0	0.33	17.16					
	Short wall	1	x	2	20.5 0	2.0 0	0.33	27.06					
	Flooring bed	1	x	1	38.5 0	23. 50	0.33	301.58					
								385.80	Cft		1	Cft	

Sl				Μ	easure	ments							
· N	Description of item		No	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
0. 1	2		3		4	5	6	7	8	9		10	11
3	Vibrated Reinfor (by weigh bata blasted granite aggregate) from quantity of 35 concreteincluding like cement, fi water etc., to si centering using & staging inclu shuttering, mach charges, curing e and it's fabricati- excluding seignio	chin mac aj 0 g cu ne te Cas din ine etc., on	g chin ppro kgs ost agg and shev g a mi co cha) u ne c: oved s. co and greg cos wrin dl b xing mplo rges	sing 20 rushed l quarr of cem convey ate (Sa st of a Ballic racings g, laying ete but for fin	Omm s grade y, usi- hent j yance and), c all ma es and s, cros g conci- exclud	size (SS d metal ing a per 1 of all coarse a aterials Woode s memi rete, vib ding cos	5) hard (Coarse minimum cum of materials aggregate, including n runners bers etc., rating,lift at of steel					
a	For Footings :-	Лар		narg	<u>cs</u>								
	F1	1	x	6	4.67	4.6	1.50	196.28					
b	For Pedestals :-							196.28	Cft		1	Cft	
	F1/P1	1	x	6	1.67	1.5 0	2.00	30.06					
с	For Columns : u	ipto) bo	ottor	n of			30.06	Cft		1	Cft	
_	the plinth beam C1	1	x	6	0.75	1.5 0	0.90	6.07					
								6.07	Cft		1	Cft	
4	Plain Cement Co IS 456 equivale (cement: fine ag size Hard Blast approved quarry materials like cer site, including operational, inci mixing, laying an not exceeding concrete, etc., chargesfor finish Flooring Bed Bottom of	ent gre d in nen sale ider nd r 15 , c	to gate Gr clue it, si it, si es & ntal, ram cm, omj	(1:5 e: C anite ding and, & ot , a ming fin plete	:10) pr oarse a e (IS38 cost a coarse her tax and lat g concr nishing e but	and cc aggrega and cc aggreg es on oour c ete in top exclud	on nom ate) usin 070) me onveyan gate, wa all mat charges layers in surface ling se	ninal mix ng 40mm etal from ce of all ter etc. to erials, all such as n position e, curing igniorage					

Sl				Μ	easure	ments						D	
N 0.	Description of item		Nos	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	Intermediate beams	1	x	1	23.5	1.0 0	0.33	7.75					
								7.75	Cft		1	Cft	
5	Random Rubble (Cement: Sand) approved quarry materials like Gra- site sales & oth incidental, and 1 required size a constructing mass seigniorage cha foundation and b	usi in anit er t abo nd onr rge:	ng iclue taxe our sh y, c s f	Hard ding ones or char ape, curin	d blaste cost a s, ceme n all ma ges sud mixin ag etc.,	ed Gra and co nt, san aterials ch as ng of comple	unite sto onveyan d, water s, all op cutting cement ete but	ones from ce of all c, etc., to perational, stones to t mortar, excluding					
	Basement wall between Columns												
		1	x	2	38.0 0	1.5 0	3.17	361.38					
		1	x	2	23.0 0	1.5 0	3.17	218.73					
								580.11	Cft		1	Cft	
6	Filling with Sand in layers not ex deposited layer l and conveyence operational & seignorage charg etc., complete for	cee by co in es,	din wat f v cide hire	g 15 ering vater ental e and	5cm thi g and r r to th l char d operta	ick, co ammir he wo ges, aional	onsolida 1g inclu ork site labour	ting each ding cost and all charges,					
	Basemnt filling	1	x	1	37.0 0	22. 00	1.50	1221.0 0					
								1221.0 0	Cft		1	Cft	
7	Filling with Gra basement with in thick, consolidate ramming includi work site and al hire charges of seignorage charg	nitia ing ng 1 oj T d	al le eac cos pera & I	ead h de t an ation P eto	in laye eposited d conv al, inci c., com	rs not l layer eyence idental pleteb	exceed by wat of wa , labour ut but	ing 15cm ering and ter to the charges,					
	Shed area	1	x	1	37.0 0	22. 00	1.00	814.00					
					-			814.00	Cft		1	Cft	

Sl				Μ	easure	ments							
· N 0.	Description of item		No	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
8	Vibrated Reinfor (by weigh batch hard granite m aggregate) from quantity of 35 concreteincluding like cement, fi water etc., to si centering using & staging inclu shuttering, mach charges, curing e and it's fabricat charges for finish	hing ach aj 0 g co ne te Cas din ine etc.,	g / ine ppro kgs ost agg and shev g a g a g and c ni c ch	Mix cru oved s. co and grega cos wrin dl b xing mplo	er) u ushed l quarr of cen convey ate (Sa st of a Ballic pracings g, laying ete but es but	sing 2 graded y, usi- nent p yance and), c all ma es and y, cros g concr exclud	20mm s I metal ing a per 1 of all coarse a aterials Woode s memi rete, vib ding cos	ize (SS5) (Coarse minimum cum of materials aggregate, including n runners bers etc., orating,lift st of steel					
a	For Plinth beams :-												
	Plinth beams												
	Long wall	1	x	2	40.0 0	0.7 5	0.75	45.00					
	Short wall	1	x	3	23.5 0	0.7 5	0.75	39.65					
								84.65	Cft		1	Cft	
b	Columns up to roof												
	C1	1	x	6	0.75	1.5 0	15	101.25					
								101.25	Cft		1	Cft	
c	For Roof beams; -												
	Tie beam- all round	1	x	1	130. 00	0.7 5	1.00	97.50					
								97.50	Cft		1	Cft	
											+		
9	Reinforced Cem weigh batching granite machine from approved q kgs. of cement p conveyance of a (Sand), coarse ag materials includi and Wooden run cross members e) u cru juar er all r ggre ng nne	usin she ry, 1 c nate gat ce rs	g 20 d gra usin um o erial e, wa nteri & st	Omm si aded m ag a mi of conc s like of ater etc ing usin taging	ze (SS etal (C nimum rete in cemen ., to sin ng Ca includ	S5) har Coarse a n quanti ncluding t, fine te and c ushewrir ing all	d blasted ggregate) ty of 350 cost and aggregate ost of all na Ballies bracings,					

Sl				Μ	easure	ments						D	
N 0.	Description of item		Nos	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	concrete, lift cha cost of steel and seigniorage charg	dit	's	fabri	ication	charge	es but e	excluding					
	Ground Floor												
	Rolling shutters	1	x	1	12.0 0	0.7 5	0.33	2.97					
	RS-1	1	x	2	8.30	0.7 5	0.33	4.10					
	Windows	1	x	4	5.00	0.7 5	0.33	4.95					
								12.02	Cft		1	Cft	
10	compressive of including cost cement, sand, fly sales & other to incidental and 1 mortar, construct charges, curing, charges for finish Up to Lintel	and / as taxe abo eting etc.	h b h b our g n	onve ricks on a chai naso omp	eyance s, water all mat rges su nry, sc lete but	of al r etc., erials, ich as affold	rials like including erational, g cement rges, lift						
	level Allround brick	1	x	1	130.	0.7	7	682.50					
	wall Up to Roof level Above LL	1	•	1	00	5	1	002.30					
	Allround brick wall	1	x	1	130. 00	0.7 5	6	585.00					
	Deuct Columns	1	x	6	0.75	1.5 0	15	-101.25					
	Deduct Rolling shutter	1	x	1	12.0 0	0.7 5	7	-63.00					
	Deduct Rolling shutter	1	x	1	8.25	0.7 5	7	-43.31					
	Deduct Windows	1	x	4	5.00	0.7 5	5	-75.00					
								984.94	Cft		1	Cft	

Sl N o.	Description of item			Measure	ments			Unit	Rate			
		ľ	Nos.	L	В	D	QTY				Per Unit	Amount
1	2		3	4	5	6	7	8	9		10	11
11	Reinforced cemer by weigh batchin crushed hard the aggregate) from quantity of 350 including cost cement, fine agg etc. to site an centering using 0 & staging inclu shuttering, machin of 7.5cm thick with an average charges for min excluding cost o excluding seignio	ing 20mi granite ved qua cement p iveyance sand) ,cc of all ina Ballio bracing ag, laying end and ss of 6.2 ying, cur and its										
	For sun shades	lug										
	Rolling shutters RS-1	1	x	$\begin{array}{c c}1 & 12.0\\0\end{array}$	1.5 0		18.00					
	RS-2	1	x	1 9.00	1.5 0		13.50					
	Windows GF	1	X	4 5.00	1.5 0		30.00					
							61.50	Sft		1	Sft	
12	Plastering 12mm thick in CM (1:6 dubara sponge fin materials like ce other taxes on al labour charges su lift charges, in necessary as dire curing, etc., com for Even Surface	o coat of uding cos and, wate als,all ope xing mor cutting Engineer at excludi										
	Internal plastering											
	Long wall	1	x	$\begin{array}{c c} 2 & 38.5 \\ 0 & \end{array}$		16.0 0	1232.0 0					
	Short wall	1	x	$\begin{array}{c c}2 & 23.5\\0 \end{array}$		16.0 0	752.00					
			1	1	1	1	1984.0	1	1	1		1

Sl • N 0.	Description of item			Μ	easure	ments			Unit	Rate	D		
			Nos	s.	L	В	D	QTY				Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
13	Plastering 20mm thick in two coats with base coat of 16mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, finishing, including cutting of Grooves wherever necessary as directed by Engineer - in - charge, curing, etc., complete but excluding seigniorage charges for Uneven Surfaces of Brick Wall for finished item of work. (External plastering)												
	Allround wall												
	Long wall	1	x	2	40.0 0	16. 00		1280.0 0					
	Short wall	1	x	2	25.0 0	16. 00		800.00					
	Deduction												
	Windows	1	x	- 4	5.00	5.0 0		-100.00					
	RS-1	1	x	- 1	12.0 0	7.0 0		-84.00					
	RS-2	1	x	- 1	8.25	7.0 0		-57.75					
								1838.2 5	Sft		1	Sft	
14	In - situ - Granolithic Concrete Flooring 20mm thick with CC(1:1:2) Prop: using 6mm to 12mm size HBG machine crushed metal laid monolithically over 100mm thick CC flooring bed (1:5:10) with 40mm HBG metal in alternate panels of size not exceeding 1.50m x 1.50m and finishing the top surface to required smoothness and slopes, thread lining as directed by the Engineer - in - charge including cost and conveyance of all materials like cement, sand, water, etc. to site, seigniorage charges, sales and other taxes on all materials, all operational, incidental and labour charges such as mixing of cement concrete, laying, curing, lift charges etc., complete for finished item of work												
	Shed area												
	Floor area	1	х	1	38.5	23.		904.75					
	FIOOI alea	1	Λ	1	0	50		904.75					

Sl				Μ	easure	nents						D	
· N	Description of item		Nos	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
0.	-							_				10	
1	2 Sugaly, diluting,	h n a	3	4 :	4	5	6	7	8	9		10	11
15	Supply, diluting a CONSTRUCTIO a continuous ch column pits, wa surface of plinth external perimet surface of consol surroundings of specifications (Pl shall be measured	NA all all ter idat pipe	L a ical tren unct of ted es a n ar	anti- l ba nche tion bui eart and ea o	termite rrier u es, base of wal lding, h on wh conduit f buildi	treatm nder a ement ll and expan nich ap s etc.,	nent and and alr excava floor, a sion jo pron is t comple	l creating ound the tion, top along the ints, top o be laid, ete as per					
	Shed area												
	a) Chloropyriphos emulsifiable concentrate 20% with 1% concentration or approved equivalent as specified.	1	X	1	40.0 0		23.5	940.00					
								940.00	Sft		1	Sft	
16	Plain Cement Co IS 456 equivale (cement: fine ag size Hard Blasted graded metal fro conveyance of a aggregate, water on all materials charges such as complete but exe item of work	ent grea 1 Gr om all etc. , al mi	to gate rani app ma to l c xin	(1:2 e: C te (I prove teria site, pera g, 1	2:4) pro oarse a S383, 1 ed quan ls like includitional, aying,	oportio ggrega (970) I rry ino ceme ing sa incido curing	on nom ate) usin Machine cluding nt, san les & o ental ar concre	inal mix ng 20mm e Crushed cost and d, coarse ther taxes nd labour ete, etc.,					
	Flooring bed	1	x	1	23.5 0	38. 50	0.33	301.58					
	Ramp base	1	x	1	10.0 0	5.0 0	0.33	16.66					
								318.24	Cft		1	Cft	

Sl			Μ	easure	ments						р	
N 0.	Description of item	No	os.	L	B	D	QTY	Unit	Rate		Per Unit	Amount
1	2		;	4	5	6	7	8	9		10	11
17	Providing & Fi Flymesh made or mm thick galvan polyester paint a 55mm, centre or fixed glass beadin shutters of 48 or sections with reb mm provision for section of 20 x heavy duty stain panelled and S.S fitted using rubber the concrete/mass screws, includin (152 4mm) pitch	f pre- ized a and the mullic ng sec 25 ate foor gua 40 nless 3. Mea er gasl conry g 10	paint as pe e secon or ction mm r glaz rd ba mm, steel sh for cets in wall mm	ed steel r IS 27 ction fo f 72 c of 12 x and o zed shut ars/grill stay, ha pivot r fly me ncludin by me	l as pe 7 finis or oute x 50n 12 mi uter fi tters, f s and andles. hinges esh shu g fixin eans o e guar	er IS 51 sh painte er frame nm, see nm and se rame & ly mesh fly m	3 of 0.58 ed with a e of 72 x ction for ection for and a 20 sh shutter 2 Nos of nutter and 04 grade), indows in expanding					
	(152.4mm) pitch Shed area	, co 1 x	1.	te for t 5.00	hree sh	utters. 5.00	100.00					
							100.00	Sqm		1	Sqm	
18	Supply and fixin 0.45m with outer of ISA 2525 of s of 10mm squar horizontally and grade-I quality, s of all materials to finished item of v	angu iize 2: re ro verti ales a site,	lar fr 5x25x ds a cally nd ot all la	ame of x4mm x it 100 includ her taxe	ual angle afety bars to centre primer of nveyance							
			-				4.00	Nos		1	Nos	
						<u></u>					2.55	
19	Supply and fixin 0.45m with outer of ISA 2525 of s of 10mm squar horizontally and grade-I quality, s of all materials to finished item of v											
	Windows	1 x	4				4.00					

Sl	Dege-i-4 6			Μ	easure	ments						D	
• N 0.	Description of item		No	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
20	Supply & fixing machine rolled C their entire length locks, mounted c dia nominal borg guide channels, arrangements for operations inclu complete, painted locks, ball beau finished item of	CRC h ar on s e M st t ins din d w ring	CA pec IS IS opp side g C ith s,	latha ointe cially B cla pers, e & c cost one all	s, interl ed toget design ass pipe bottor outside of ho coat of accesso special	ocked ther at the pipe with n lock lock in od co appro ries e	togethe the end be shaft bracke king pl g with ver and ved stee tc com	r through s by end- of 50mm ts, plates, ates and push-pull d springs el primer,					
	RS	1	x	1	12.0 0		8	96.00					
	RS-1	1	X	1	8.25		8	66.00 162.00	Sft		1	Sft	
21	Whiting to new equavalent qualit brushing the su materials includ and water to sit incidental and lat painting, curing for internal walls Internal wall surface Long wall	ty to urfa ling te, bou etc.	o gi ce co sale r ch	ive a to st an es & narge ompl	in even remove ad conv c other es such lete for 23.5	shade all eyanco taxes, as clea finish	after the loose period of all all op aning the	noroughly powdered materials erational, e surface,					
	Short wall	1	x		0 23.5 0	00 16. 00		752.00 1504.00	Sft		1	Sft	
	Painting to New paint of superior												

Sl	Decemination of			Μ	easure	ments						Dam	
N 0.	Description of item		Nos	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	Long wall	1	x	2	40.0 0		16.0 0	1280.0					
	Short wall	1	x	2	25.0 0		16.0 0	800.00					
	Ded Rolling shutter	1	x	1	12.0 0	7.0 0	0	-84.00					
	RS-1	1	x	1	8.25	7.0 0		-57.75					
	Ded Window	1	x	4	5.00	5.0 0	-	-100.00					
								1838.2 5	Sft		1	Sft	
23	Painting to New synthetic ename existing steel pri materials to si operational and finished item of	l pa mer ite, all	aint inc sa la	firs cludi les bour	st quali ing cost & oth r charg	ity all t and c her ta ges etc	shades conveya axes, in	over an nce of all ncidental,					
	RS	1	x	2	12.0 0		7.00	168.00					
	RS-1	1	x	2	8.25		7.00	115.50					
	W/V	4	х	2	5.00		5.00	200.00					
								483.50	Sft		1	Sft	
24	Providing High bars (TATA,SA) grade as per IS cutting, bending, position with co wire of 20SWG, per approved de conveyance of ba including cost a blocks, chairs, ov all operational, cutting, bending, & other taxes,on item of work	IL,V 178 , to ver for esignars f ars f und verla inci	/SP 6-1 blo mir ns fron con aps, ider acin	Jind 985) uire ocks ng gr and n ap nvey spa ntal, g in	dal & S of 8m ed sizes of app rills for drawin proved vance of cers, do and la positio	Shyam im to 4 and s roved reinfo ags ind source of bind owels, abour on, tyin	Steel) 40mm d hapes p size and orcemen cluding es to site ding wi wastage charges ng etc.,	(Fe 500 liameters, blacing in d binding t work as cost and e of work, re, cover e etc., and such as and sales					
	For Footings	1	x	1	196. 28	2.75	Kg/ Cft	539.77	Kg				
	For Pedestal	1	x	1	28 30.0 6	3.50	Ka/	105.21	Kg				
	For Columns	1	x	1	102. 06	3.40	Ka/	347.00	Kg				
	For Plinth beams	1	x	1	84.6 5	2.75	Ka/	232.79	Kg				

Sl	Decomintion of			Μ	easure	ments						Per	
• N 0.	Description of item		No	s.	L	В	D	QTY	Unit	Rate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	For tie beams	1	x	1	97.5 0	2.75	Kg/ Cft	268.13	Kg				
	For Lintels	1	x	1	7.92	1.50	Kg/ Cft	11.88	Kg				
	For Sunshades	1	x	1	2.25	1.00	Kg/ Cft	2.25	Kg				
								1.51	MT		1	MT	
25	Supplying fabric works like trusse using structural power charges, chain pulley blo etc complete. Roof shed with king post truss an a span of 25'	es, s ste erec	etano el)	chio incl g in	ns, heav luding positio	vy bear cost o ons and	ns and g of weld fixing	gutter (by ing rods, by using	Kg				
	Purlins & Ties @ 18% of truss weight							90.00 590.00	Kg		1	Kg	
26	Supply and Fix with 0.5mm thi sheets fixed to the with neoprene tapping / drillin 25x3 mm Butyl capillary grove. of all materials charges etc., com												
	Roof area	1	x	1	42		28	1176.0 0 1176.0 0	Sft		1	Sft	
27	Providing 110 Nandhini) down pressure of ISI Bends, shoes, P fixing in position materials, sales operational & charges for fit Contractors profit DT pipes	wa mar VC on i & inci xing	ter t ked cla nclu den g a	take inc mps udin her tal t si lete	pipes v luding and al g cost taxes charges ite etc	with so cost of l other and co on m s inclu ., and	cket, 6 f necess access onveyan aterials iding a l Over	idhakar / ikg/sq.cm sary PVC ories and ice of all to site, 11 labour heads &					

Sl	Descriptions			Μ	easure	ments						Den	
N 0.	Description of item]	Nos	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9	10		11
								40.00	Rft		1	Rft	
											To	tal >>>	

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In words (Rupees.....Only)
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Schedule –3A

Estimated quantities for Construction of Work shed for Coir Yarn & Mat Making (GI Sheet Roof Shed) (40' X 25') at Plot No.209/608, Pandarukoli (V), Rajkanika Block, Kenderapara District, Odisha

Sl	Description of			M	easurei	nents						Dom	
· N	Description of item		Nos	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
0. 1	2		3		4	5	6	7	8	9		10	11
1	Earth work exca means) with init Loamy & Clay Ordinary Grave operational incid strutting, sheetin of hire charges of finished item of dewatering char Building.	ial ey elly lent g, p f T wo	ion lea So al al olan & ork	d of ils l oils labo king P, la exc	ike B((SS) (SS) ur cha and da bour cl luding	and in C Soil 20-I rges s ewater harges seigne ete fo	on ban itial lift ls, Red 3) incl uch as ing incl etc., co prage ch	of 3m in Earth & uding all shoring, uding cost implete for harges and					
	F1	1	X	6	4.00	4.0 0	5.00	480.00					
	Basement walls				10.0	2.0							
	Long wall	1	X	2	13.0 0	2.0 0	1.50	78.00					
	Short wall	1	x	2	20.5 0	2.0 0	1.50	123.00					
								681.00	Cft		1	Cft	
2	Plain Cement Co IS 456 equivale (cement: fine ag size Hard Blass approved quarry materials like cen- site, including operational, incid- laying and ramine exceeding 15cm etc., complete finished item of v	ent ggre ted men sale lent min , fi	to gat Ga iclu it, s al, g nisl ut	(1: e: C ranit ding and, & ot and conce hing exclu	4:8) p Coarse a e (IS3 cost coarse her tax labour rete in top su uding s	roporti aggreg 83, 1 and c aggre tes on charge layer urface, seignio	ninal mix ing 40mm hetal from hetal from het						
	F1	1	x	6	4.00	5.0 0	0.33	40.00					
	Basement walls												
	Long wall	1	x	2	13.0 0	2.0 0	0.33	17.16					
	Short wall	1	x	2	20.5 0	2.0 0	0.33	27.06					
	Flooring bed	1	x	1	38.5 0	23. 50	0.33	301.58					
								385.80	Cft		1	Cft	

Sl	Decerintian of			Μ	easure	ments						Per	
• N 0.	Description of item		Nos	5.	L	В	D	QTY	Unit	Rate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
3	Vibrated Reinfor by weigh batchin granite machine from approved of kgs. of cement p conveyance of a (Sand), coarse ag materials includi and Wooden run members etc., sh vibrating, lift ch cost of steel and work but excludi	ng cru quan per all ggree ing ners utte arge it's) us ushe rry, 1 c mat egat ce s & ering es, fab	sing d gr usin cum erial e, w enter stag g, n curin orica	20mm raded n ng a m of con ls like vater etc ing usi ing inc nachine ng etc., tion cha	size (S inimur crete i cemer c., to s ng C luding mixin comp arges for	SS5) har Coarse n quant ncludin nt, fine ite and cashewr all brac g, layin lete but	ard blasted aggregate) ity of 350 g cost and aggregate cost of all ina Ballies ings, cross g concrete, excluding					
а	For Footings :-												
	F1	1	x	6	4.67	4.6 7	1.50	196.28					
								196.28	Cft		1	Cft	
b	For Pedestals :-												
	F1/P1	1	x	6	1.67	1.5 0	2.00	30.06					
								30.06	Cft		1	Cft	
с	For Columns : u	ipto) bo	ottor	n of								
	the plinth beam C1	1	x	6	0.75	1.5 0	0.90	6.07					
								6.07	Cft		1	Cft	
4	Plain Cement Co 456 equivalent to fine aggregate: 0 Blasted Granite 0 including cost an sand, coarse aggr other taxes on all labour charges concrete in layers top surface, curit seigniorage cha Foundations and	o (1) Coa (IS3 id c rega l ma suc s in ng o rge	:5:1 rse 383, onv ate, ater ch por con s	0) p agg 197 veyat vate ials, as sitio crete for	roportion (regate) 70) met nce of a er etc. t all ope mixing n not ex- e, etc., finishe	on non using al from all mat o site, erationa , layin kceedin comp	x (cement: size Hard ved quarry ke cement, ng sales & lental, and ramming h, finishing excluding						
	Foundations and Bottom of Plinth Beam:-	F10	orii	ig B	ea								

Sl	Decemintion of			Μ	easure	ments					ļ	Dom	
N 0.	Description of item		No	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	Intermediate beams	1	x	1	23.5	1.0 0	0.33	7.75					
								7.75	Cft		1	Cft	
	Random Rubble (Cement: Sand) approved quarry materials like Gr	usi / ir	ing 1clu	Har Iding	d blast g cost	ed Gr and c	anite st onveya	ones from nce of all					
5	site sales & oth incidental, and required size a constructing mas	her labo and soni	tax our sł	es o cha nape curii	on all m rges su , mixin ng etc.,	nateria ich as ng of comp	ls, all c cutting cemen lete but	stones to nt mortar, excluding					
	seigniorage cha foundation and b				finishe	d ite	m of	work for					
	Basement wall between Columns												
		1	x	2	38.0 0	1.5 0	3.17	361.38					
		1	x	2	23.0 0	1.5 0	3.17	218.73					
								580.11	Cft		1	Cft	
6	Filling with Sand in layers not ex- deposited layer and conveyence & incidental cha- hire and opertain finished item of	xcee by of v arge ona	edir wa vate s, l l ch	ng 1 terin er to labou	5cm the g and the wor	nick, c rammi rk site ges, se	onsolid ng incl and all o eignorag	ating each uding cost operational ge charges,					
	Basement filling	1	x	1	37.0 0	22. 00	1.50	1221.00					
								1221.00	Cft		1	Cft	
	Filling with Cro		in	tran	uchos o	idos o	f found	ations and					
7	Filling with Gra basement with i thick, consolidat ramming includi work site and a hire charges of seignorage charg	niti ing ing Il c T	al l eac cos oper &	lead ch d st ar ratio P e	in laye eposite nd conv nal, inc tc., cor	ers not d layer veyenc cidenta npletel	ding 15cm atering and ater to the ar charges,						
	Shed area	1	x		37.0 0	22. 00	1.00	814.00					

Sl				Μ	easure	ments						D	
N 0.	Description of item		No	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
8	Vibrated Reinfor by weigh batching granite machine from approved of kgs. of cement conveyance of a (Sand), coarse ag materials includi and Wooden runn members etc., sh vibrating,lift cha cost of steel an seigniorage charg	ng / cru quan per all i ggree ing ners utte rge id i	Mi ushe rry, 1 mat egat ce s & ering s, c t's	ixer ed gr usin cum erial e, w enter stag g, n curin fab) using raded n ng a m of con ls like vater etc ing usi ing inc nachine ng etc., rication	g 20mi netal (inimum ncretei cemen c., to s ing C luding mixin compl charg	n size (Coarse n quant ncluding nt, fine ite and ashewri all brac g, layin lete but ges but	SS5) hard aggregate) ity of 350 g cost and e aggregate cost of all ina Ballies cings, cross g concrete, excluding					
a	For Plinth beams :-	ges	IOF										
	Plinth beams												
	Long wall	1	x	2	40.0 0	0.7 5	0.75	45.00					
	Short wall	1	x	3	23.5 0	0.7 5	0.75	39.65					
b	Columns up to roof							84.65	Cft		1	Cft	
	C1	1	x	6	0.75	1.5 0	15	101.25					
c	For Roof beams; -							101.25	Cft		1	Cft	
	Tie beam- all round	1	x	1	130. 00	0.7 5	1.00	97.50					
								97.50	Cft		1	Cft	
9	Reinforced Cema batching) usin machine crushed approved quarry, cement per 1 conveyance of a (Sand), coarse ag materials includi and Wooden rum members etc., sh lift charges, curir and it's fabrica	g 2 l g us: cu: all i ggre ing ners utte ng e	Om rad ing mat egat ce s & ering	m si ed r a m of erial e, w enter stag g, n com	ize (SS metal (inimun concre ls like vater etc ing usi ting inc machine plete b	5) ha Coarse n quan te inc cemen c., to s ing C luding mixin ut excl	ird blass aggreg tity of 3 cluding nt, fine ite and cashewri all brac g, layin luding c	ted granite gate) from 350 kgs. of cost and e aggregate cost of all ina Ballies cings, cross g concrete, ost of steel					

Sl	_			Μ	easure	ments							
N 0.	Description of item		Nos	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	charges for finish	ned	iter	n of	work I	Lintels	:-	I					
	Ground Floor												
	Rolling shutters	1	x	1	12.0 0	0.7 5	0.33	2.97					
	RS-1	1	x	2	8.30	0.7 5	0.33	4.10					
	Windows	1	x	4	5.00	0.7 5	0.33	4.95					
								12.02	Cft		1	Cft	
10	conveyance of bricks, water etc all materials, all such as mixing scaffolding charg excluding seignic Up to Lintel	., to ope g co ges,	o sit erat eme lift	e, in iona ent t cha	cluding l, incide mortar, irges, c	g sales ental an construing, e	& othen nd labo ructing etc., co	er taxes on our charges masonry, mplete but					
	level												
	Allround brick wall	1	x	1	130. 00	0.75	7	682.50					
	Up to Roof level Above LL												
	Allround brick wall	1	x	1	130. 00	0.75	6	585.00					
	Deuct Columns	1	х	6	0.75	1.50	15	-101.25					
	Deduct Rolling shutter	1	x	1	12.0 0	0.75	7	-63.00					
	Deduct Rolling shutter	1	x	1	8.25	0.75	7	-43.31					
	Deduct Windows	1	x	4	5.00	0.75	5	-75.00					
												Cft	

Sl				Μ	easurei	nents						_	
· N	Description of item		NT		т	р	р	QTY	Unit	Rate		Per Unit	Amount
0.	item		Nos	5.	L	B	D					omt	
1	2		3		4	5	6	7	8	9		10	11
11	Reinforced cemer by weigh batchi crushed hard aggregate) fron quantity of 350 including cost an fine aggregate (sa and cost of a Cashewrina Bal including all bra machine mixing, thick at fixed a average thickness for mixing, layin cost of steel a	ng blas n & Kg d co and ll lies acin lay end ss o ng,) sted app g o onv),c mat ags, angs, an f c cun	usin rove f ce veyar oars teria nd cro g co nd 5 5.25c cing	g 20m ranite d qua ment p nce of a e aggre ls ind Woode oss men oncrete, cm thic etc.,	m size grade arry u per 1 all mat egate, cluding en ru mbers for s ck at f cluding compl	e (SS 5 d meta using a Cum o erials li water o g cente nners o etc., unshade free end g labou ete but	5) machine al (coarse minimum of concrete ke cement, etc. to site ering using & staging shuttering, e of 7.5cm with an ur charges excluding					
	seigniorage charg For sun shades Rolling shutters RS-1 RS-2						vork	18.00					
		_											
	Windows GF	1	х	4	5.00	1.50		30.00	Gei			C O	
								61.50	Sft		1	Sft	
12	Plastering 12mm thick in CM (1:6 dubara sponge fi materials like cer taxes on all mate charges such as charges, includin as directed by En complete but ex Surfaces of Wall	b) an nish nen erial mi g c gin cclu	nd n in t, sa ls,al xin cutti eer idin	top of and, and, ll op g m ng of - in g so	coat of ling cos water e eration ortar, s of Groo - charge eigniora	4mm st and etc., to al, inc scaffol oves w e, finis age cl	thick in convey site, sal idental lding ch wherever shing, ch narges f	ance of all les & other and labour harges, lift r necessary curing, etc.,					
	Internal												
	plastering				28 5								
	Long wall	1	x	2	38.5 0		16.00	1232.00					
	Short wall	1	x	2	23.5 0		16.00	752.00					
								1984.00	Sft		1	Sft	

Sl				Μ	easure	nents						n	
• N 0.	Description of item		No	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
13	Plastering 20mm thick in CM (1:6 dubara sponge fi materials like ce other taxes on al labour charges su lift charges, fi wherever necessa curing, etc., co for Uneven Su work. (External p	5) a me ll m uch nish ary mpl	nd h ir nt, nate as ning as lete es	top ncluc sanc rials mix g, in dire but of E	coat of ling cos l, water , all op ing mor ncludin cted by exclud	4mm st and eration tar, sc g cut Engir ling se	thick in convey to site, nal, inci- caffoldin ting of neer - in eigniora	ance of all sales & idental and ng charges, f Grooves n - charge, ge charges					
	Allround wall				40.0	16.							
	Long wall	1	х	2	0	00		1280.00					
	Short wall	1	x	2	25.0 0	16. 00		800.00					
	Deduction												
	Windows	1	x	- 4	5.00	5.0 0		-100.00					
	RS-1	1	x	- 1	12.0 0	7.0 0		-84.00					
	RS-2	1	x	- 1	8.25	7.0 0		-57.75					
								1838.25	Sft		1	Sft	
14	In - situ - Grano CC(1:1:2) Prop: crushed metal la flooring bed (1:: panels of size no the top surface t lining as directed cost and convey water, etc. to site on all materials charges such as a lift charges etc., o	ng mo)) v ccea equ y th ce o ign dll	6mr nolit with eding ired ne E of al iorag oper	n to 12 thically 40mm g 1.50n smootl ngineer ll mate ge charg rational, cement	mm si over HBG n x 1.5 ness a - in - rials li ges, sa incid concre	ize HB0 100mm metal i 50m an and slop - charge ike cen les and lental a ete, layi	G machine thick CC n alternate d finishing pes, thread e including nent, sand, other taxes and labour ng, curing,						
	Shed area												
	Floor area	1	x	1	38.5 0	23. 50		904.75					
								904.75	Sft		1	Sft	

Sl				Measure	ments							
N 0.	Description of item	I	Nos.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3	4	5	6	7	8	9		10	11
15	Supply, diluting CONSTRUCTIO continuous chern pits, wall trence plinth, junction perimeter of be consolidated ex surroundings of specifications (H shall be measure	DNA nical hes, of uildin arth pipe Plinth	L ar bar base wal ng, on es an are	ti-termite rier under ement exc l and flo expansion which nd condui a of build	treatm and al cavatio oor, al joints apron ts etc.	ent and round t n, top ong th s, top is to , compl	creating a he column surface of e external surface of be laid, lete as per					
	Shed area											
	a) Chloropyriphos emulsifiable concentrate 20% with 1% concentration or approved equivalent as specified.	1	X	1 40.0		23.5	940.00					
							940.00	Sft		1	Sft	
16	aggregate, water on all material charges such a complete but e item of work	lent ggreg ed G rom all etc. s, al s mi	to gate ranit app mate to s ll oj	(1:2:4) p coarse e (IS383, roved qua erials like site, incluc perational g, laying,	roporti aggreg 1970) arry in e ceme ling sa , incid curing ge cha	on non ate) us Machir acluding ent, san ales & o lental a g concr arges fo	ninal mix ing 20mm he Crushed cost and nd, coarse other taxes and labour rete, etc.,					
	Flooring bed	1 :	x 1	23.50	38.5 0	0.33	301.58					
	Ramp base	l :	x 1	10.00	5.00	0.33	16.66					
-							318.24	Cft		1	Cft	

				M	easurei	ments						D	
N 0.	Description of item	ľ	Nos	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
17	Flymesh made of mm thick galvar polyester paint a 55mm, centre n glass beading so shutters of 48 x 2 with rebate for provision for gua of 20 x 40 mm, stainless steel p S.S. Mesh for f rubber gaskets concrete/masonry screws, includin	f prizection and aulli ectic 25 m glaz ard t stay ivot ly n inc. / v	re-p d a the on on m zed bars y, h t h nes lud wall 10	baint s pee see of and shu s/gri inge h shu inge h sh ing l b mm	r IS 27 ction for 72 x 5 12 x 1 outer f ttters, f lls and les, latc s per s nutter (fixing y mea Squar	I as p 77 fini or out 50mm, 2 mm rame & 1y me fly me fly me fly me fly me fly me fly me fly me fly me gua shutter 304 gu the ans out	sh pain er fram section n and s & mullic sh and esh shut os of h and par rade), fi window f self urd bars	13 of 0.58 ted with a e of 72 x n for fixed ection for on sections a 20 mm ter section eavy duty helled and titted using vs in the expanding					
	(152.4mm) pitch Shed area	1	con x	nplet 4	te for te 5.00	hree sh	utters. 5.00	100.00					
		-			0.00			100.00	Sq m		1	Sqm	
18	Supply and fixing with outer angula 2525 of size 25x square rods at 2 vertically include and other taxes, of all labour charges	ar fra 25x4 100n ed re cost	am 4m nm edo ano	e of m w cer xide d coi	rolled s elded w ntre to primer nveyand	steel e with sa centre of gra ce of a	qual ang fety bar horizo ade-I qu ll mater	gle of ISA s of 10mm ntally and ality, sales ials to site,					
		1	., c x	4				4.00					
									1		1		1
								4.00	Nos		1	Nos	
19	Supply and fixing with outer angula 2525 of size 25x square rods at vertically include and other taxes, of all labour charges	ar fra 25x4 100n ed re cost	am 4m nm edo anc	e of m w cer xide d coi	rolled s elded v ntre to primer nveyand	steel en vith sa centre of gra ce of a	qual ang fety bar horizo ade-I qu ll mater	m x 0.45m gle of ISA s of 10mm ntally and ality, sales ials to site,	Nos		1	Nos	

				Μ	easure	ments							
N 0.	Description of item		No	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
20	Supply & fixing machine rolled O their entire lengt locks, mounted o dia nominal bor guide channels, arrangements for operations inclu complete, painte locks, ball bea finished item of v RS	CRC h an on so r in r in d w ring	CA nd spec IS copj sid g yith gs, k as	lath joint cially B ci pers, e & cost cost all	ns, inter ed toge y design lass pip botto outside of ho coat o accesso	clocked ther at ned pi be with m lock e locki bod co f appro- pries	l togeth t the en pe shaf n brack cking j ng with over ar oved str etc con	er through ds by end- t of 50mm ets, plates, plates and n push-pull nd springs eel primer,					
	RS-1	1	x x	-	0 8.25		8	66.00					
		1	^	1	0.20		0	162.00	Sft		1	Sft	
21	equavalent quali brushing the surf including cost an site, sales & ot labour charges su etc., complete for Internal wall surface	ace nd c her 1ch	to : onv taz as o	remo veyai xes, clear	ove all l nce of a all ope iing the	oose p Ill mate eration surfac	d materials nd water to dental and ing, curing						
	Long wall												
		1	х	2	23.5 0	16. 00		752.00					
	Short wall	x x	2 2				752.00						
22	Painting to New paint of superior base coat of cerr coats in all to giv the surface to including cost a cost and conveya to site, etc., sale and labour charg curing etc., comp for external Wal	wa quanent we a rer nd ance s & coleto	x lls ality pri n e mov con e of	2 with y of imer ven ze a iveya all i her t	0 23.5 0 two co approv exterio shade a 11 loos ance of materia axes, a scaffold	00 16. 00 pats of ed bra or grad fter th se pov all m ls, cost ll oper ling ch	nd and e -II ma oroughl wdered aterials t of brus ational, arges, 1	752.00 1504.00 c Emulsion shade over aking three y brushing materials, , including shes, water incidental ift charges,	Sft		1	Sft	
22	Painting to New paint of superior base coat of cerr coats in all to giv the surface to including cost a cost and conveya to site, etc., sale and labour charg curing etc., comp	wa quanent we a rer nd ance s & coleto	x lls ality pri n e mov con e of	2 with y of imer ven ze a iveya all i her t	0 23.5 0 two co approv exterio shade a 11 loos ance of materia axes, a scaffold	00 16. 00 pats of ed bra or grad fter th se pov all m ls, cost ll oper ling ch	nd and e -II ma oroughl wdered aterials t of brus ational, arges, 1	752.00 1504.00 c Emulsion shade over aking three y brushing materials, , including shes, water incidental ift charges,	Sft		1	Sft	
22	Painting to New paint of superior base coat of cem coats in all to giv the surface to including cost a cost and conveya to site, etc., sale and labour charg curing etc., comp for external Wall External wall	wa quanent we a rer nd ance s & coleto	x lls ality pri n e mov con e of	2 with y of imer ven ze a iveya all i her t	0 23.5 0 two co approv exterio shade a 11 loos ance of materia axes, a scaffold	00 16. 00 pats of ed bra or grad fter th se pov all m ls, cost ll oper ling ch	nd and e -II ma oroughl wdered aterials t of brus ational, arges, 1	752.00 1504.00 c Emulsion shade over aking three y brushing materials, , including shes, water incidental ift charges,	Sft		1	Sft	

Sl				Μ	easure	ments						D	
N 0.	Description of item		No	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
					0		0						
	Ded Rolling shutter	1	x	1	12.0 0	7.0 0		-84.00					
	RS-1	1	x	1	8.25	7.0 0		-57.75					
	Ded Window	1	x	4	5.00	5.0 0		-100.00					
23	Painting to New synthetic enam existing steel p materials to site and all labour o workin All Flo	el p rime , sal charg	ain r in es &	t fir clud & otl	st qual ling cos	lity all st and ss, incio	l shade conveya dental, o	s over an ance of all operational	Sft		1	Sft	
	RS	1	x	2	12.0 0		7.00	168.00					
	RS-1	1	x	2	8.25		7.00	115.50					
	W/V	4	x	2	5.00		5.00	200.00					
								483.50	Sft		1	Sft	
24	Providing Hig bars (TATA,SA grade as per IS cutting, bending position with c wire of 20SWC per approved of conveyance of l including cost blocks, chairs, of all operational, cutting, bending other taxes, on item of work	AIL, V g, to over desig bars and overl inc g, pla	VSF 86-1 9 re- 9 blo rmi gns from co laps vide	P,Jin 1985 quire ocks ng g and m ap onve , spa ntal, g in	dal &) of 8r ed sizes of app grills fo drawi pproved yance acers, d and 1 position	Shyam nm to s and proved r reinf ngs in source of bin owels, abour n, tyin	A Steel) 40mm shapes size an orcement cluding es to sit ding w wastag charge g etc., a plete fo	(Fe 500 diameters, placing in ad binding at work as cost and e of work, ire, cover e etc., and s such as nd sales &					
	For Footings	1	x	1	196. 28	2.75	Kg/ Cft	539.77	Kg				
					30.0		Kg/	105.21	Kg				
	For Pedestal	1	x	1	6	3.50	Cft	103.21	8				
	For Pedestal For Columns	1	x x	1		3.50 3.40	Cft Kg/ Cft	347.00	Kg				
					6 102.		Kg/		_				
	For Columns For Plinth	1	x	1	6 102. 06 84.6	3.40	Kg/ Cft Kg/	347.00	Kg				
	For Columns For Plinth beams	1	x x	1	6 102. 06 84.6 5 97.5	3.40 2.75	Kg/ Cft Kg/ Cft Kg/	347.00 232.79	Kg Kg				

Sl	Description of			Μ	easure	ments						Per	
· N 0.	item		Nos	5.	L	В	D	QTY	Unit	Rate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	Sunshades						Cft						
								1.51	MT		1	MT	
25	Supplying fabric works like trusse using structural s charges, erecting pulley blocks d complete.	es, s steel g in	stan l) in n po	chio Icluc Isitio	ns, hea ling cos	vy bea st of wo f fixin	ims and elding r g by u	gutter (by ods, power sing chain					
	Roof shed with king post truss an a span of 25'	1	x	4 0	25	100 0	0.50	500.00	Kg				
	Purlins & Ties @ 18% of truss weight							90.00					
								590.00	Kg		1	Kg	
26	Supply and Fixin 0.5mm thick gal fixed to the purl neoprene washer drilling screws. Butyl tape. The grove. complete materials to site, etc., complete for	van lins . Si Enc sh in , sa	ide dide la leets clu les	d / j th 14 laps ps a s are ding and	are pair 4 size a are sti re to b e provi cost other	nted G self dr tched v e seale ded w and c axes,	J.I. prof illing so with sel ed with vith ant onveya	iled sheets crews with f tapping / 25x3 mm i capillary nce of all					
	Roof area	1	x	1	42		28	1176.00					
								1176.00	Sft		1	Sft	
27	Providing 110 Nandhini) down pressure of ISI Bends, shoes, P fixing in position materials, sales operational & charges for fixing profit complete for	wa man VC on i & inci g at	ter rkec cla incl ider ider	take 1 inc amps udin ther ntal e etc	pipes cluding and a g cost taxes charge	with so cost o ll othe and o on r s incl Dverhe	ocket, of neces er acces conveya naterial uding ads & (6kg/sq.cm ssary PVC sories and nce of all s to site, all labour					
	DT pipes	1	х	2	20			40.00					
								40.00	Rft		1	Rft	
											To	tal >>>	

In words (Rupees.....Only)

<u>Schedule –4A</u>

Estimated Quantities for Construction of Work shed For Yarn & Mat Making (GI Sheet Roof Shed) (50' X 20') At Nuagaon (V), Rjakanika Block, Kenderapara District, Odisha.

Sl.	Descriptio			N	leasuren	nents		OTV	T I * 4	D -4-		Per	A
No.	n of item		No	s.	L	В	D	QTY	Unit	Rate	ו	Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
1	Earth work means) with Loamy & O Ordinary G operational strutting, sh cost of hire complete for charges and Foundation of	ini Clay rav inci eeti cl fir l c	itial yey elly der ing, harg harg lew	l lead Soi ntal pla ges ned iv	d of 10m ls like I pils (S labour ch unking an of T & tem of w ing char	and in BC Soi SS 20- narges nd dew P, lab ork exc	itial lif ils, Red B) incl such as vatering our cha	t of 3m in Earth & Juding all shoring, including arges etc., seignerage					
	F1	1	X	8	4.00	5.00	5.00	800.00					
	Basement walls												
	Long wall	1	x	2	14.00	2.00	1.50	84.00					
	Short wall	1	x	2	15.50	2.00	1.50	93.00					
								977.00	Cft		1	Cft	
2	Plain Cemer per IS 456 e (cement: fin size Hard I approved qu materials lik to site, inclu operational, mixing, layin not exceeding concrete, e charges, for	equi e ag Blas aarr e c din inc ng a ng etc., fini	val ggr sted y i emo g s cide und 1:	ent t egate Gr nclu ent, sales ental ram 5cm, con	to (1:4:8) e: Coarse anite (IS ding cost sand, coa & other , and ming con finishin nplete bu	proport aggreg 383, 1 t and c urse agg taxes o labour crete in ng top at exclu	rtion no gate) us 970) m conveya gregate, n all ma charges layers surfac uding s	minal mix ing 40mm hetal from nce of all water etc. hterials, all s such as in position ree, curing eigniorage					
	F1			1	4.00	1		53.33					
	Basement walls												
	Long wall	1	x	2	14.00	2.00	0.33	18.48					
	Short wall	1	x	2	15.50	2.00	0.33	20.46					
	Flooring bed	1	x	1	48.50	18.5 0	0.33	299.08					
				1				391.35	Cft		1	Cft	

Sl.	Descriptio			N	leasurer	nents		QTY	Unit	Rate		Per	Amount
No.	n of item		Nos	5.	L	В	D	Ų	Umt	Nate	1	Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
3	Vibrated Rei (by weigh blasted gran aggregate) f quantity of concreteinch like cement, water etc., t centering usi & staging i shuttering vibrating,lift cost of steel of work but of	bat ite fror 3 udin f o s ng nch , cha anc	tchi ma m a 50 ng c fine ca ca udin ma arge arge	ng achin appro kgs cost agg and ashev ng a achin es, c s fal) using ne crushe oved qu s. of c and con gregate (cost of wrina Ba II bracir ne mix uring etc orication	20mm ed grad arry, u ement veyance Sand), all m llies and ngs, cro ing, ., comp charges	size (S ed meta sing a per 1 e of all coarse naterials d Wood oss men laying lete but s for fin	S5) hard al (Coarse minimum cum of materials aggregate, including en runners abers etc., concrete, excluding					
a	For Footings :-			U									
	F1	1	x	8	4.67	4.67	1.50	261.70	<u> </u>	<u> </u>			
		-	-	-				261.70	Cft		1	Cft	
b	For Pedestals :-							201.70	en				
	F1/P1	1	x	8	1.67	1.50	2.00	40.08					
								40.08	Cft		1	Cft	
c	For Column of the plinth				ottom								
	C1	1	х	8	0.75	1.50	0.90	8.10					
								8.10	Cft		1	Cft	
4	Plain Cemen IS 456 equi (cement: fin size Hard H approved qu materials lik to site, inclu operational, mixing, layin not exceedi concrete, chargesfor f Flooring Bec Bottom of Plinth Beam:-	val e ag Blas larr e c din inc ng a ng etc. inis	ent ggro sted y in ema g s cide and 15	to egate Gr nclue ent, ales ental ram 5cm, comj	(1:5:10) e: Coarse anite (IS ding cos sand, coa & other , and ming con finishin olete bu	proport e aggreg 5383, 1 t and c arse agg taxes o labour acrete in ng top t exclu	tion non gate) us 970) m conveya gregate, n all ma charges a layers surfac ading s	minal mix ing 40mm netal from nce of all water etc. aterials, all s such as in position ree, curing eigniorage					
	Intermediat	1		2	18.5								

SI.	Descriptio			N	Aeasuren	nents		οτν	Unit	Data		Per	Amount
No.	n of item		No	s.	L	В	D	QTY	Umt	Rate	1	U nit	Amount
1	2		3		4	5	6	7	8	9		10	11
								36.90	Cft		1	Cft	
5	Random Ru (Cement: Sa approved qu materials lik to site sa	ind) iarr te C) us y i Grar	ing nclu nite	Hard bla ding cost stones, ce	sted Gr t and c ement, s	anite st onveyar sand, w	ones from nce of all					
5	operational, stones to re- mortar, cons excluding se for foundatio	equi stru eign	ired ctin	l siz 1g m age (e and sl asonry, c charges f	nape, n curing e	nixing o etc., cor	of cement nplete but					
	Basement			base									
	wall between Columns												
		1	x	2	45.50	1.50	3.17	432.70					
		1	x	2	18.50	1.50	3.17	175.93					
								608.63	Cft		1	Cft	
6	Filling with lead in laye each deposit cost and co operational seignorage c etc., complet	rs ed nve & har	not layo yen ii ges	exc er by ice c ncide , hire	eeding 1. watering of water ental ch e and ope	5cm thi g and ra to the arges, rtaional	ck, con amming work si labour charge	including te and all charges,					
	Recompt	1	х	1	48.75	19.75	1.50	1444.21					
	Basemnt filling	1	~					1444.21					
		1						1444.21	Cft		1	Cft	

SI.	Descriptio			N	leasuren	nents		ΟΤΥ	T Ins #4	Data		Per	A 4
No.	n of item		No	5.	L	В	D	QTY	Unit	Rate	1	Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
8	Vibrated Rei (by weigh hard granite aggregate) f quantity of concreteinch like cement, water etc., f centering usi & staging i shuttering vibrating,lift cost of steel seigniorage of	batc fror 3 udir , f co s ing nch , ch a l ar	chir naci n a 50 ng o fine ca ca udir ma argo nd i	ng / hine appro kgs cost agg and ashev ng a achines, c	Mixer) crushed oved qua s. of ca and conv gregate (a cost of wrina Bal all bracin ne mix uring etc. fabricatio	using grade arry, u ement veyance Sand), all m llies and gs, cro ing, ., comp n char	20mm ed meta sing a per 1 e of all coarse naterials d Wood oss men laying lete but ges but	size (SS5) al (Coarse minimum cum of l materials aggregate, including en runners nbers etc., concrete, excluding					
a	For Plinth beams :-												
	Plinth beams Long wall	1	x	2	50.00	0.75	0.75	56.25					
	Short wall	1	x	4	18.50	0.75	0.75	41.62					
								97.87	Cft		1	Cft	
b	Columns up to roof C1	1		0	0.75	1.50	15	125.00					
	CI	1	X	8	0.75	1.50	15	135.00 135.00	Cft		1	Cft	
с	For Roof beams; -							100.00			-		
	Tie beam- all round	1	x	1	140.0 0	0.75	1.00	105.00					
								105.00	Cft		1	Cft	
9	Reinforced weigh batch granite mach from approv kgs. of ceme (Sand), coar all materials Ballies and bracings, cr mixing, lay complete bu charges but item of work	ing ine ed (ent of se i w coss ving t ex exe) qua per all agg nclu ooc n c c c c c c c c c	usin ushe rry, 1 c mato rega iding len neml conc iding ling	g 20mm d graded using a r um of co- erials lik te, water g center runners bers etc. rete, lift g cost of seignior	size (S metal (ninimu ncrete i e ceme etc., te ring us & stag , shutt charg steel a	SS) ha Coarse m quan ncludin nt, fine o site a sing C ing inc ering y ges, cu nd it's	ard blasted aggregate) tity of 350 g cost and aggregate nd cost of Cashewrina cluding all machine rring etc., fabrication					

SI.	Descriptio			N	Aeasuren	nents		OTV	TIn:4	Data		Per	Amount
No.	n of item		Nos	5.	L	В	D	QTY	Unit	Rate	1	Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	Ground Floor												
	Rolling shutters	1	x	1	12.00	0.75	0.33	2.97					
	RS-1	1	x	2	8.30	0.75	0.33	4.10					
	Windows	1	х	8	3.50	0.75	0.33	6.93					
								14.00	Cft		1	Cft	
10	compressive including co- cement, sand sales & oth incidental a mortar, con- charges, cur charges for f	ost 1, fl ner nd stru ing,	an ly a tax lab ctir	d c sh b ces o our ng n c., co	onveyanc ricks, wa on all m charges nasonry, omplete b	ter of a nater etc naterials such a scaffol- out excl	all mate , to site , all o , mixin ding ch	erials like , including perational, ng cement narges, lift					
	Up to Lintel level												
	Allround brick wall	1	x	1	140.0 0	0.75	7	735.00					
	Up to Roof level Above LL												
	Allround brick wall	1	x	1	140.0 0	0.75	6	630.00					
	Deuct Columns	1	x	8	0.75	1.50	13	-117.00					
	Deduct Rolling shutter	1	x	1	12.00	0.75	7	-63.00					
	Deduct Rolling	1	x	1	8.25	0.75	7	-43.31					
	shutter												
	shutter Deduct Windows	1	x	6	3.00	0.75	5	-67.50					

SI.	Descriptio			N	Aeasuren	nents		QTY	Unit	Rate	1	Per	Amount
No.	n of item		No	s.	L	B	D	QII	Unit	Kate	1	Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
11	Reinforced c (by weigh l crushed hat aggregate) quantity of including c cement, fine etc. to site centering us & staging i shuttering, sunshade of free end including l etc., compl fabrication c finished item	oatc rd fro 350 ost ag ar ing nch mac 7.5 with abc ete har	chin bla om) K an ggre nd Ca udin chin cm h our bu ggs	g) ssted apping of d criggate cost shev ng a thic an cha t e but	using 20 granite roved q f cement onveyance (sand), of al vrina Bal all bracin mixing, k at fix average rges fo xcluding	mm siz grade uarry u per 1 e of a coarse ll mat lies and gs, cro laying ed end thick r mixir cost o	te (SS 5 d meta using a Cum o all mate aggreg erials d Wood oss men con and 5c ness of ag, layi f steel	i) machine al (coarse minimum f concrete erials like tate, water including en runners abers etc., crete, for m thick at 6.25cm ng, curing and its					
	For sun shades Rolling shutters RS-1	1	x	1	12.00	1.50		18.00					
	RS-2	1	x	1	9.00	1.50		13.50					
	Windows GF	1	x	6	3.00	1.50		27.00					
								58.50	Sft		1	Sft	
12	Plastering 1 8mm thick in (1:4) dubara of all materia & other taxe and labour charges, lif	n Cl spc als l es c cha	M (onge like on a rge:	(1:6) e fin e cen all m s su ges,	and top ish inclue nent, sand naterials, ch as mi includin	coat of ding cost d, water dl oper xing m ng cut	4mm th st and c etc., to ational, nortar, s ting of	ick in CM onveyance site, sales incidental caffolding Grooves					
_	wherever ne finishing, seigniorage	cı cha	urir arge	ng, es fo	etc., co	omplete	but	excluding					
_	wherever ne finishing, seigniorage finished iten Internal plastering	cu cha n of	urir arge wo	ng, es fo ork.	etc., co or Even	omplete	but ces of	excluding Wall for					
_	wherever ne finishing, seigniorage finished item Internal plastering Long wall	cha cha n of 1	urin arge wo	ng, es fo ork. 2	etc., cc or Even 48.50	omplete	but ces of 13.0 0	excluding Wall for 1261.00					
	wherever ne finishing, seigniorage finished iten Internal plastering	cu cha n of	urir arge wo	ng, es fo ork.	etc., co or Even	omplete	but ces of 13.0	excluding Wall for					

SI.	Descriptio			N	Aeasuren	nents		OTV	T Inc.ª4	Data		Per	A 4
No.	n of item		No	s.	L	В	D	QTY	Unit	Rate	1	Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
13	Plastering 2 16mm thick CM (1:4) conveyance to site, operational, mortar,scaffo finishing,inc necessary as etc., comple Uneven Surf (External pla	in dub of a sale inci oldi lud din ete	CN ara all 1 iden ng ing rect bu	A (1 sp mate & c ntal a c ed b t ex f Bri	:6) and to onge fin rials like other taxo and labou charges utting o y Engine acluding	op coat ish inc cement es on ar charg , of Gr ser - in seignio	of 4mi cluding c, sand, all mat ges such lift ooves - charg rage cl	m thick in cost and water etc., terials, all as mixing charges, wherever e, curing, narges for					
	Allround wall												
	Long wall	1	x	2	50.00	15.0 0		1500.00					
	Short wall	1	x	2	20.00	15.0 0		600.00					
	Deduction Windows	1	x	- 6	3.00	5.00		-90.00					
	RS-1	1	x	- 1	12.00	7.00		-84.00					
	RS-2	1	x	- 1	8.25	7.00		-57.75					
								1868.25	Sft		1	Sft	
14	In - situ - Gr CC(1:1:2) Pr crushed meta flooring bed panels of s finishing the slopes, threa charge inclue cement, san sales and of incidental ar concrete, lay finished item	rop: al 1 (1: ize to d 1 ding d, ther nd 1 ying	: us aid 5:1 no op inin g cc wat : ta abc g, c	ing moi 0) w ot e surf ng a ost a cer, xes our c curin	6mm to 1 nolithicall vith 40mm xceeding ace to re- s directed nd conve- etc. to si- on all n charges si	2mm s ly over n HBG 1.50m equired 1 by th yance o ite, sei naterials uch as	ize HBO 100mm metal i x 1.5 smoot e Engin f all ma gniorag s, all o mixing	G machine a thick CC n alternate 60m and hness and heer - in - terials like e charges, perational, of cement					
	Shed area					18.5							
	Floor area	1	X	1	48.50	0		897.25				Ge	
								897.25	Sft		1	Sft	

SI.	Descriptio			N	Aeasuren	nents		OTV	T T •4	D (Per	
No.	n of item		Nos	s.	L	В	D	QTY	Unit	Rate	l	U nit	Amount
1	2		3		4	5	6	7	8	9		10	11
15	Supply, dilu PRE-CONST creating a co the column p surface of p external per surface of co surroundings specification only shall be	FRU onti- oits lint ime onso s of s (JC nuo , w h, eter olid pij Plir	FIOI ous c all t junc of ated pes nth	NAL ant hemical l renches, l tion of v building earth on and condu	i-termit barrier baseme vall and g, expa which a uits etc building	te treat under an nt excav d floor, nsion j apron is ., comp	ment and nd alround vation, top along the oints, top to be laid, lete as per					
	Shed area												
	a) Chloropyri phos emulsifiabl e concentrate 20% with 1% concentrati on or approved equivalent as specified.	1	x	1	48.50		18.5	897.25					
								897.25	Sft		1	Sft	
16	Plain Cemer per IS 456 e (cement: find size Hard Crushed gra cost and cor coarse aggre other taxes o labour charg etc., comple finished item	qui e a Bla dec nve gat n a ges ete	ival ggro aste l m yan ze, v ll m suc but	ent egat d (etal ce c wate nater h as t ex	to (1:2:4) e: Coarse Granite (from ap of all mat er etc. to rials, all o s mixing,	propor aggreg IS383, proved erials 1 site, ir peration laying seignio	tion no gate) us 1970) quarry ike cen ncluding nal, inci , curing	minal mix ing 20mm Machine including nent, sand, g sales & dental and g concrete,					
	Flooring bed	1	x	1	48.50	18.5 0	0.33	299.08					
								299.08	Cft		1	Cft	

SI.	Descriptio			N	leasuren	nents		OTV	T	Data		Per	A A
No.	n of item		Nos.		L	B	D	QTY	Unit	Rate	1	U nit	Amount
1	2		3		4	5	6	7	8	9		10	11
17	Providing of Flymesh ma mm thick ga polyester pa 55mm, cent fixed glass b shutters of sections with mm provision section of 2 heavy duty panelled and fitted using in the con expanding s	de llva int tre ead 48 n re 80 x sta d S cret cret	of prinized and multing state bate for g 400 intess S. M ber state ws,	re-p d a the lion sect for uar for uar) n s s fesl gasl gasl	ainted sta s per IS 2 e section n of 72 tion of 12 mm and glazed sl d bars/gr nm, stay, steel pivo h for fly n kets inclu nry wal luding 1	eel as p 277 fini for out x 50 2 x 12 m outer nutters, ills and handle ot hing mesh sh iding fi l by 0mm S	ber IS 5 ish pair ter fran mm, s mm and frame of fly mos l fly mos l fly mos s, latch es per s nutter (3 xing the means Square	13 of 0.58 hted with a he of 72 x ection for section for & mullion sh and a 20 esh shutter 2 Nos of shutter and 804 grade), e windows of self guard bars					
	with 6" (15 Shed area	2.4	Ì I	pi 6	tch , con 5.00	nplete	for thre 3.00	e shutters. 90.00					
	Shed area	-		0	5.00		5.00	90.00	Sqm		1	Sqm	
								20.00	Sqiii		1	Sqm	
18	Supply and 0.45m with o of ISA 2525 of 10mm horizontally grade-I qua conveyance complete for	oute of squa and ality of a	er ang size are d ve /, s all m	gula 25: roc rtic ale ater	ar frame o x25x4mn ls at 10 ally inclus s and o rials to sit	of rolled n welde 00mm uded re other te, all la	d steel e d with centre doxide taxes,	equal angle safety bars to centre primer of cost and					
	complete for	1	x	6		1K.		6.00					
		-		-				6.00	Nos		1	Nos	
	Supply and 0.45m with o of ISA 2525	oute of	er ang size	gula 25:	ar frame o x25x4mm	of rolled 1 welde)0mm	d steel e d with centre	equal angle safety bars to centre					
19	of 10mm horizontally grade-I qua conveyance	and ality of a	d ve 7, s ill m	rtic ale atei	ally incluses and of the second secon	other te, all la	taxes,	cost and					
19	of 10mm horizontally grade-I qua	and ality of a	d ve 7, s ill m ishe	rtic ale atei	ally incluses and of the second secon	other te, all la	taxes,	cost and					

Sl.	Descriptio			Measuren	nents		OTV	T	Data		Per	A 4
No.	n of item		Nos.	L	В	D	QTY	Unit	Rate	ו	Unit	Amount
1	2		3	4	5	6	7	8	9		10	11
20	Supply & fix machine roll their entire le locks, mount dia nominal guide chanr arrangements operations i complete, pa locks, ball finished item RS	ed eng ed bon nels s fo nclu inte bea	CRCA th and on spe re MS , stop or insid uding ed with rings,	laths, into jointed to cially desi B class p pers, bott e & outsid cost of 1 one coat all acces	erlocke gether a gned p ipe wit com lo de lock nood c of appr sories	d togeth at the en ipe shaf h brack cking j ing with over an coved str etc con	er through ds by end- t of 50mm ets, plates, plates and n push-pull nd springs eel primer,					
	RS-1	1	x 1	8.25		8	66.00					
							162.00	Sft		1	Sft	
21	Whiting to r equavalent q brushing the materials in and water to incidental a surface, pain of work for i	ual e s clue o si nd tin	ity to g ourface ding co ite, sal labou g, curi	to remo ost and co es & oth r charges ng etc., co	en shad we all nveyan er taxe such	le after to loose ce of al s, all o as cle	horoughly powdered l materials perational, aning the					
	Internal wall surface											
	Long wall	1	x 2	48.50	16.0 0 16.0		1552.00					
	Short wall	1	x 2	18.50	0		592.00					
							2144.00	Sft		1	Sft	
22	Painting to Emulsion pa shade over b making thre thoroughly powdered ma materials, ind cost of brush operational, scaffolding c finished item	int base bru ater cluc ies, in char	of supe coats in shing ials, ir ding co water cidenta ges, lit	erior quali of cement a all to g the surfa- acluding co st and con to site, etc al and la ft charges,	ty of ap primer ive an ce to ost and nveyand c., sales abour curing	pproved exterio even s remove convey ce of all s & othe charges f etc., co	brand and r grade -II hade after all loose ance of all materials, r taxes, all such as mplete for					
	External wall surface											

Sl.	Descriptio			N	leasure n	nents		QTY	Unit	Rate		Per	Amount
No.	n of item		Nos	5.	L	В	D	QII	Umt	Kate	1	Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	Long wall	1	x	2	50.00		16.0 0	1600.00					
	Short wall	1	x	2	20.00		16.0 0	640.00					
	Ded Rolling shutter	1	x	1	12.00	7.00		-84.00					
	RS-1	1	x	1	8.25	7.00		-57.75					
	Ded Window	1	x	6	5.00	3.00		-90.00					
								2008.25	Sft		1	Sft	
23	synthetic en existing stee materials to operational finished iten	l pr o s anc	ime site, lal	er ind sa 11 1a	cluding c les & bour cha	ost and other arges e	convey taxes,	ance of all incidental,					
	RS	1	x	2	12.00		7.00	168.00					
	W/V	6	x	2	8.25		7.00	693.00					
								861.00	Sft		1	Sft	
								002000			-		
24	Providing H bars (TATA grade as per cutting, bend position with wire of 20SV per approve conveyance work, include cover block	"SA IS ding h co WG d d of ding	AIL, 178 g, to over , fo lesig ban g co hain	VSF 86-1 o rec r blo rmir gns rs fi ost a cs, o	P,Jindal & 985) of 8 puired size ocks of ap ng grills f and draw om appr and conv verlaps, s al, incide	& Shyan Smm to zes and pprovec for reinf vings in roved s revance spacers ental, an	m Steel 40mm shapes l size an forceme ncluding ources of bin , dowel nd labo) (Fe 500 diameters, placing in nd binding nt work as g cost and to site of ding wire, s, wastage ur charges					
	etc., and all such as cutt and sales &	ing, oth	, be er t	ndir axes	s,on cost								
	etc., and all such as cutt and sales & for finished For	ing, oth	, be er t	ndir axes	s,on cost		naterials Kg /		Kg				
	etc., and all such as cutt and sales & for finished	ing oth iten	, be er t n of	ndir axes woi	s,on cost k 261.7	of all r	naterials	s complete	Kg Kg				
	etc., and all such as cutt and sales & for finished For Footings For	ing, oth iten 1	be bert nof	endir axes wor 1	s,on cost k 261.7 0	of all r 2.75	naterials Kg/ Cft Kg/	719.68					
	etc., and all such as cutt and sales & for finished For Footings For Pedestal For	ing, oth iten 1	, be er t n of x x	endir axes wor 1 1	s,on cost k 261.7 0 40.08 135.8	of all r 2.75 3.50	Kg/ Cft Kg/ Cft Kg/ Kg/	719.68 140.28	Kg				

Sl.	Descriptio			N	leasurer	nents		QTY	Unit	Rate		Per	Amount
No.	n of item		No	s.	L	В	D	QII	Umt	Kate	1	Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	For Lintels	1	x	1	9.90	1.50	Kg/ Cft	14.85	Kg				
	For Sunshades	1	x	1	2.03	1.00	Kg/ Cft	2.03	Kg				
								1.90	MT		1	MT	
	Supplying fasteel works gutter (by us	lik	e t	russe	es, stanc	hions, 1	heavy t	beams and					
25	rods, power using chain cranes, etc co	cha pul	arge lley	es, e blo	recting in	n positi	ons and	fixing by					
	Roof shed with king post truss an a span of 20'	1	x	5 0	20	100 0	0.45	450.00	Kg				
	Purlins & Ties @ 18% of truss weight							81.00					
								531.00	Kg		1	Kg	
												0	
26	Supply and with 0.5mm sheets fixed with neopre tapping / dri 25x3 mm B capillary gro of all materi charges etc.,	thi to the llin utyl ove.	ck he j was g s l ta co to	galv ourli sher. crew pe. ' mple site,	anized / ns with 1 Side 1a vs. End 1 The shee ete incluo sales ar	pre pai 4 size s ps are aps are ts are p ling cos nd other	inted G. belf drill stitched to be s provided st and c axes,	I. profiled ing screws with self ealed with d with anti onveyance all labour					
	Roof area	1	x	1	22		52	1144.00					
								1144.00	Sft		1	Sft	
27	Providing 1 Nandhini) do pressure of 1 Bends, shoet fixing in po materials, s operational	ater f rked cla inclu t ot iden	take pipe includin mps and iding cos her taxe tal charg	s with s ag cost all other st and es on a ges inc	6kg/sq.cm ssary PVC ssories and ince of all is to site, all labour								
	charges for Contractors												
	DT pipes	1	x	2	20			40.00					
	L L	1	1 -	l .	1	1	1		1		1	1	

Sl.	Descriptio			N	leasuren	nents		ΟΤΥ	I Init	Data	Per	Amount
No.	n of item]	Nos	5.	L	В	D	QTY	Unit	Rate	Unit	Amount
1	2		3		4	5	6	7	8	9	10	11
											Total >>>	

In words (RupeesOnly	y)
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<u>Schedule –5A</u>

Estimated Quantities for Construction of Work Shed for Coir Yarn & Mat Making (GI Sheet Roof Shed) (40' X 25') at Kujjipur (V) Rajkanika Block, Kenderapara District, Odisha

Sl	Description of			Me	easurei	nents						Dom	
N 0.	Description of item	I	Nos	•	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
1	Earth work exca means) with init Loamy & Clay Ordinary Grave operational incid strutting, sheetin of hire charges o finished item of dewatering char Building.	ial l ey b elly lenta g, pl f T d wo	lead Soil So al l lank & P rk e	l of ils li ils abou ting t, lab	10m a ke BC (SS ur char and de oour ch uding s	nd init 20-B ges su waterin arges e seigner	tial lift s, Red) inclu uch as ng inclu etc., con rage cha	of 3m in Earth & Iding all shoring, Iding cost inplete for arges and					
	F1	1	x	6	4.00	4.0 0	5.00	480.00					
	Basement walls				10.0	2.0							
	Long wall	1	x	2	13.0 0	2.0 0	1.50	78.00					
	Short wall	1	x	2	20.5 0	2.0 0	1.50	123.00					
								681.00	Cft		1	Cft	
	Plain Cement C per IS 456 equiv (cement: fine ag size Hard Blass	vale: greg	nt te gate Gra	o (1 : Co anite	:4:8) p parse a (IS38	roport ggrega 33, 19	ion non ite) usii 70) me	ninal mix ng 40mm					
2	approved quarry materials like cen- site, including operational, inc mixing, laying an not exceeding concrete, etc., charges, for finis	ment sale iden nd ra 15c	t, sa s & tal, amr cm, con	ind, coth a ning fin plet	coarse ner taxe and lat concre dishing ce but	aggreg es on oour c ete in l top exclue or Fou	gate, wa all mat charges ayers in surface ding se	ce of all ter etc. to erials, all such as position e, curing igniorage					
2	approved quarry materials like censite, including operational, inc. mixing, laying an not exceeding concrete, etc.,	ment sale iden nd ra 15c	t, sa s & tal, amr cm, con	ind, coth a ning fin plet	coarse ner taxe and lat concre dishing ce but	aggreg es on oour c ete in l top exclue	gate, wa all mat charges ayers in surface ding se	ce of all ter etc. to erials, all such as position e, curing igniorage					
2	approved quarry materials like cen- site, including operational, inc- mixing, laying an not exceeding concrete, etc., charges, for finis	ment sale iden nd ra 15c hed	t, sa s & tal, amr cm, com iten	nd, oth a ning fin nplet n of	coarse ner taxe nd lab concre ishing e but work f 4.00	aggreg es on our c ete in l top exclue or Fou 5.0	gate, wa all mat charges layers in surface ding se ndation	ce of all ter etc. to erials, all such as position c, curing igniorage s					
2	approved quarry materials like censite, including operational, inc mixing, laying an not exceeding concrete, etc., charges, for finis F1	ment sale iden nd ra 15c hed	t, sa s & tal, amr cm, com iten	nd, oth a ning fin nplet n of	coarse ner taxe nd lat concre ishing te but work f	aggreg es on our c ete in l top exclue or Fou 5.0	gate, wa all mat charges layers in surface ding se ndation	ce of all ter etc. to erials, all such as position c, curing igniorage s					
2	approved quarry materials like censite, including operational, inc mixing, laying an not exceeding concrete, etc., charges, for finis F1 Basement walls	ment sales iden nd ra 15c hed	t, sa s & tal, amr cm, com iten x	ind, coth a ning fin nplet n of 6	coarse ner taxo nd lab concro ishing e but work f 4.00 13.0	aggreg es on bour c ete in l top exclue or Fou 5.0 0 2.0	gate, wa all mat charges ayers in surface ding se ndation 0.33	ce of all ter etc. to erials, all such as position e, curing igniorage s 40.00					

Sl	Decorintian of			Μ	easure	ments	'n					Per	
N 0.	Description of item		Nos	5.	L	В	D	QTY	Unit	Rate		Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
3	Vibrated Reinfor (by weigh batc blasted granite aggregate) from quantity of 35 concreteincluding like cement, fi water etc., to si centering using & staging inclu shuttering, mach charges, curing e and it's fabrication	chin mac aj 0 g cu ne te Cas din ine etc., on	ig chin ppro kgs ost agg and shev g a mi , co chat) un ne ch oved s. co and grega vrin ll b xing mple	sing 20 rushed l quarr of cen convey ate (Sa st of a Ballio racings g, laying ete but for fin	Omm s grade y, usinent p yance and), c all ma es and s, cros g conci exclud	size (SS d meta ing a per 1 of all coarse a tterials Woode s mem rete, vib ding cos	55) hard l (Coarse minimum cum of materials aggregate, including n runners bers etc., orating,lift st of steel	Cft		1	Cft	
a	For Footings :-	Παε		narg									
	F1	1	x	6	4.67	4.6 7	1.50	196.28					
								196.28	Cft		1	Cft	
b	For Pedestals :-												
	F1/P1	1	x	6	1.67	1.5 0	2.00	30.06					
								30.06	Cft		1	Cft	
c	For Columns : u the plinth beam	ipto) bo	otton	n of								
	C1	1	x	6	0.75	1.5 0	0.90	6.07					
						0		6.07	Cft		1	Cft	
4	Plain Cement Co IS 456 equivale (cement: fine ag size Hard Blast approved quarry materials like cer site, including a operational, inci mixing, laying an not exceeding concrete, etc., chargesfor finish Flooring Bed Bottom of	nt gre in nen sale der nd r 15 c	to gate Gr cluc at, sa atal, am cm, omj	(1:5 e: C anite ding and, z oth z ming fin plete	:10) pro- oarse a e (IS38 cost a coarse her tax and lal g concr nishing but	and cc aggrega and cc aggreg es on bour cc ete in top exclud	ninal mix ng 40mm etal from ce of all ter etc. to erials, all such as n position e, curing igniorage						

Sl				Μ	easure	ments							
• N 0.	Description of item		No	S.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2 Plinth Beam:-		3		4	5	6	7	8	9		10	11
	Intermediate beams	1	x	1	23.5	1.0 0	0.33	7.75					
						0		7.75	Cft		1	Cft	
5	Random Rubble (Cement: Sand) approved quarry materials like Gra site sales & oth incidental, and 1 required size a constructing mas seigniorage cha foundation and b	usi in anit er t abo nd onr rge:	ng te st taxe our sh y, c s f	Hard ding cones es or char ape, curin	d blaste cost a s, cemen n all ma ges suc mixin ng etc.,	ed Gra and co nt, san aterials ch as g of comple	nite sto onveyan d, water s, all op cutting cement ete but o	nes from ce of all c, etc., to erational, stones to t mortar, excluding					
	Basement wall between Columns	usei											
		1	x x	2	38.0 0 23.0 0	1.5 0 1.5 0	3.173.17	361.38 218.73					
								580.11	Cft		1	Cft	
6	Filling with Sand in layers not ex deposited layer b and conveyence operational & seignorage charg etc., complete for	cee by o in es,	din wat f v cide hire	g 15 ering vater ental e and	5cm thi g and r r to th char d operta	ck, co ammir ne wo ges, iional	onsolida ng inclu ork site labour	ting each ding cost and all charges, of T & P					
	Basemnt filling	1	x	1	37.0 0	22. 00	1.50	1221.0 0					
								1221.0 0	Cft		1	Cft	
7	Filling with Grav basement with in thick, consolidati ramming includi work site and al hire charges of seignorage charg	nitia ng ng lo _l Ta	al le eac cos pera & I	ead ch de t an ation P eto	in laye eposited d conve al, inci c., com shed iter	rs not l layer eyence dental pleteb m of w	exceed by wat of wa , labour ut but	ing 15cm ering and ter to the charges,					
	Shed area	1	x	1	37.0 0	22. 00	1.00	814.00					

	Decemination of			М	easure	ments						Dom	
N 0.	Description of item		No	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
								814.00	Cft		1	Cft	
8	Vibrated Reinfor (by weigh batc hard granite m aggregate) from quantity of 35 concreteincludin like cement, fr water etc., to si centering using & staging inclu shuttering, mach charges, curing e and it's fabrica charges for finish	hing ach a ap 50 g cu ine te Cas din nine etc.,	g / ine ppro kgs ost agg and shev g a e mi , co i ch	Mix cru oved s. c and grega l cos wrin all b xing mple harge	er) u ished quart of cen conver ate (Sa st of a Ballic racings , laying ete but es but	sing 2 graded y, usi- nent j yance und), c all ma es and s, cros g conce exclud	20mm s I metal ing a per 1 of all coarse a aterials Woode s memi rete, vib ding cos	ize (SS5) (Coarse minimum cum of materials aggregate, including n runners bers etc., orating,lift st of steel					
a	For Plinth beams :-												
	Plinth beams												
	Long wall	1	x	2	40.0 0	0.7 5	0.75	45.00					
	Short wall	1	x	3	23.5 0	0.7 5	0.75	39.65					
								84.65	Cft		1	Cft	
b	Columns up to roof												
	C1	1	x	6	0.75	1.5 0	15	101.25					
								101.25	Cft		1	Cft	
c	For Roof beams; -												
c		1	x	1	130. 00	0.7 5	1.00	97.50					

Sl · N o.	Description of item	Measurements											
			Nos	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
9	Reinforced Cement Concrete M 20 Design Mix (by weigh batching) using 20mm size (SS5) hard blasted granite machine crushed graded metal (Coarse aggregate) from approved quarry, using a minimum quantity of 350 kgs. of cement per 1 cum of concrete including cost and conveyance of all materials like cement, fine aggregate (Sand), coarse aggregate, water etc., to site and cost of all materials including centering using Cashewrina Ballies and Wooden runners & staging including all bracings, cross members etc., shuttering , machine mixing, laying concrete, lift charges, curing etc., complete but excluding cost of steel and it's fabrication charges but excluding seigniorage charges for finished item of work Lintels :-												
	Ground Floor												
	Rolling shutters	1	x	1	12.0 0	0.7 5	0.33	2.97					
	RS-1	1	x	2	8.30	0.7 5	0.33	4.10					
	Windows	1	x	4	5.00	0.7 5	0.33	4.95 12.02	Cft		1	Cft	
10	using Fly ASH Bricks of size 290x225x140mm with compressive of 50 Kgs / Sqcm from approved source including cost and conveyance of all materials like cement, sand, fly ash bricks, water etc., to site, including sales & other taxes on all materials, all operational, incidental and labour charges such as mixing cement mortar, constructing masonry, scaffolding charges, lift charges, curing, etc., complete but excluding seigniorage												
	charges for finished item of work.												
	Up to Lintel level Allround brick wall	1	x	1	130. 00	0.7 5	7	682.50					
	Up to Roof level Above LL												
	Allround brick wall	1	x	1	130. 00	0.7 5	6	585.00					
	Deuct Columns	1	x	6	0.75	1.5 0	15	-101.25					
	Deduct Rolling shutter	1	x	1	12.0 0	0.7 5	7	-63.00					
	Deduct Rolling shutter	1	x	1	8.25	0.7 5	7	-43.31					
	Deduct	1	Х	4	5.00	0.7	5	-75.00	1	1	1	1	1

Sl		Measurements											
N 0.	Description of item		No	s.	L	В	D	QTY	Unit	Rate	Per Unit		Amount
<u>0.</u> 1	2		3		4	5	6	7	8	9		10	11
	Windows					5							
								984.94	Cft		1	Cft	
11	Reinforced ceme by weigh batchi crushed hard l aggregate) fror quantity of 350 including cost cement, fine agg etc. to site an centering using 0 & staging inclu shuttering, machi of 7.5cm thick with an average charges for min excluding cost o	ng blas n a Kg and greg did Cas din ine at thi xing f) sted apprigram graves of the stead graves of the stead graves of the stead fixed graves of the stead fixed fixed graves of the stead fixed graves of the stead fixed fixed graves of the stead fixed graves of the stead fixed graves of the stead fixed fixed graves of the stead fixed	using groved f ceronve (sa of vrina ull b king, ed en ness layin 1 an	g 20mr anite g d qua ment p eyance nd) ,co all a Ballie oracings laying nd and of 6.25 ng, curi nd its	n size graded rry us er 1 (of al arse mate s and s, cros conci 1 5cm i 5cm i fabrica	(SS 5) I metal sing a Cum of I mater aggrega rials Woode s mem rete, for thick at ncludin c., con ation ch	machine (coarse minimum concrete rials like tte, water including n runners bers etc., sunshade t free end g labour nplete but arges but					
	excluding seignic	orag	ge c	harg	es for f	inisheo	d item o	f work					
	shades												
	Rolling shutters	1	x	1	12.0	1.5		18.00					
	RS-1				0	0							
	RS-2	1	х	1	9.00	0		13.50					
	Windows GF	1	x	4	5.00	1.5 0		30.00					
								61.50	Sft		1	Sft	
12	Plastering 12mm thick in two coats with base coat of 8mm thick in CM (1:6) and top coat of 4mm thick in CM (1:4) dubara sponge finish including cost and conveyance of all materials like cement, sand, water etc., to site, sales & other taxes on all materials, all operational, incidental and labour charges such as mixing mortar, scaffolding charges, lift charges, including cutting of Grooves wherever necessary as directed by Engineer - in - charge, finishing, curing, etc., complete but excluding seigniorage charges for Even Surfaces of Wall for finished item of work.												
	Internal												
	plastering Long wall	1	x	2	38.5		16.0	1232.0					
	Short wall	1	x	2	0 23.5		0 16.0	0 752.00					
		•		_	0		0	1984.0 0	Sft		1	Sft	

Sl	Description of			Μ	easure	nents						Dom	
• N 0.	Description of item		No	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
13	Plastering 20mn 16mm thick in C (1:4) dubara spor of all materials li & other taxes or and labour cha charges, lift c Grooves whereve charge, curing, charges for Une item of work. (Ez	M (nge ke o n al urge harg er n etc ever	(1:6 fin cen l m s s ges, ece c, c n S	b) and ish i nent, nater uch , fi ssar omp urfa	d top co includir sand, v ials, all as mix nishing y as dire blete bu ces of 1	bat of 4 ng cost vater e opera king n ,includ ected t t exclu	Amm thi and co tc., to si tional, nortar, so ling cu by Engin uding se	ick in CM inveyance ite, sales incidental caffolding utting of neer - in - bigniorage					
	Allround wall Long wall Short wall	1	x	2 2	40.0 0 25.0	16. 00 16.		1280.0 0 800.00					
	Deduction	1	Λ	2	0	00		000.00					
	Windows	1	x	- 4	5.00	5.0 0		-100.00					
	RS-1	1	x	- 1	12.0 0	7.0 0		-84.00					
	RS-2	1	x	- 1	8.25	7.0 0		-57.75 1838.2 5	Sft		1	Sft	
	In - situ - Grano	lithi	c C	Conc	rete Flo	oring	20mm t	thick with					
14	CC(1:1:2) Prop: crushed metal la flooring bed (1:5 panels of size no the top surface to lining as directed cost and convey water, etc. to si taxes on all m labour charges su curing, lift char work	usin id 1 5:10 t ex o re d by anc te, ater ater	ng mor) w cee qui / th e o sei ials as	6mn nolit vith eding ired ired e Er of al gnio s, al mixi	n to 121 hically 40mm 1 g 1.50m smooth ngineer 1 mater rage ch 1 opera ing of c	mm siz over 1 HBG 1 x 1.5(ness a - in - ials lil arges, ational ement	ze HBG 100mm netal in 0m and nd slop charge ke cema sales , incide concret	a machine thick CC a alternate finishing es, thread including ent, sand, and other ental and te, laying,					
	Shed area	1		1	38.5	23.		004 75					
	Floor area	1	X	1	0	50		904.75 904.75	Sft		1	Sft	

Sl)		M	easure	ments						D	
· N	Description of item		Nos	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
0.			-			_		_	0	0		10	11
1	2 Supply, diluting a	and	3 ini	ootir	4	5	6	for DDE	8	9		10	11
15	CONSTRUCTIC a continuous ch column pits, wa surface of plinth external perimet surface of consol surroundings of specifications (Pl shall be measured	NA all all ter ida pip	L a ical tren unct of ted es a n ar	anti- ba nche tion bui eartl and ea o	termite rrier u of wal lding, h on wl conduit f buildi	treatm nder a ement ll and expan nich ap s etc.,	nent and and alr excava floor, s sion jo pron is t comple	I creating ound the tion, top along the bints, top o be laid, ete as per					
	Shed area												
	a) Chloropyriphos emulsifiable concentrate 20% with 1% concentration or approved equivalent as specified.	1	x	1	40.0 0		23.5	940.00					
								940.00	Sft		1	Sft	
16	Plain Cement Co IS 456 equivale (cement: fine ag size Hard Blasted graded metal fro conveyance of a aggregate, water on all materials charges such as complete but exe item of work	ent grej l Gi om all etc. , al mi	to gate rani app ma to l c xin	(1:2 e: Co te (I provo teria site, ppera g, la	2:4) pr oarse a S383, 1 ed qua ls like includ tional, aying, gniorag	oportio ggrega (970) I rry inc ceme ing sa incide curing ge cha	on nom ate) usin Machine cluding nt, san les & o ental ar concre	inal mix ng 20mm e Crushed cost and d, coarse ther taxes nd labour ete, etc.,					
	Flooring bed	1	X	1	23.5 0	38. 50	0.33	301.58					
	Ramp base	1	x	1	10.0 0	5.0 0	0.33	16.66					
								318.24	Cft		1	Cft	

Sl			Μ	easure	ments						D	
N 0.	Description of item	No	s.	L	B	D	QTY	Unit	Rate		Per Unit	Amount
1	2	3		4	5	6	7	8	9		10	11
17	Providing & Fi Flymesh made o mm thick galvan polyester paint a 55mm, centre fixed glass beadi shutters of 48 x sections with reb mm provision fo section of 20 x heavy duty stain panelled and S.S. fitted using rubbe the concrete/mas screws, includin (152 4mm) pitch	f pre-j ized a und the mullio ng sec x 25 ate for or guan 40 n nless S. Mes er gask sonry g 10	paint s per e sec n or tion mm glaz rd ba nm, steel h for ets in wall mm	ed steel r IS 27 ction fo f 72 c of 12 x and o zed shut ars/grill stay, ha pivot r fly me ncludin by me	l as pe 7 finis or oute x 50n 12 mi uter fi tters, f s and andles. hinges esh shu g fixin eans o e guar	er IS 51 sh painte er frame nm, see n and se rame & ly mesh fly me	3 of 0.58 ed with a e of 72 x ction for ection for and a 20 sh shutter 2 Nos of nutter and 04 grade), indows in expanding					
	(152.4mm) pitch Shed area	1 x	1 .	te for t 5.00	hree sh	utters. 5.00	100.00					
							100.00	Sqm		1	Sqm	
18	Supply and fixin 0.45m with outer of ISA 2525 of s of 10mm squa horizontally and grade-I quality, s of all materials to finished item of v	angul aize 25 re roo vertic ales ar site, a	ar fræ 5x25x ds a cally nd ott all la	ame of x4mm x it 100 includ her taxe	rolled welded mm c ed red es, cos	steel eq with sa entre t loxide j t and co	ual angle afety bars to centre primer of nveyance					
			-				4.00	Nos		1	Nos	
						<u>]</u>						
19	Supply and fixin 0.45m with outer of ISA 2525 of s of 10mm squa horizontally and grade-I quality, s of all materials to finished item of v	angul aize 25 re roo vertio ales ar site, a	ar fra 5x25x ds a cally nd oth	ame of 4mm v it 100 includ her taxe	rolled welded mm c ed red es, cos	steel eq with sa entre t loxide j t and co	ual angle afety bars to centre primer of nveyance					
	Windows	1 x	4				4.00					

Sl	Degovintion of			М	easure	ments						Dom	
N 0.	Description of item		Nos	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
20	Supply & fixing machine rolled C their entire lengt locks, mounted c dia nominal borg guide channels, arrangements for operations inclu complete, painter locks, ball bear finished item of v	CRC h ar on s e M st r ins idin d w ring	CA pec IS I opp side g C ith s, s	lath ointe ially B cl ers, & cost one all	s, interl ed toge / desigr ass pip bottor outside of ho coat of accesso	locked ther at ned pip e with n loc lockir od co appro ries e	togethe the end be shaft bracke king pl ng with over and oved stee etc com	er through ls by end- of 50mm ts, plates, lates and push-pull d springs el primer,					
	RS	1	x	1	12.0 0		8	96.00					
	RS-1	1	X	1	8.25		8	66.00					
	Whiting to new		11					162.00	Sft		1	Sft	
21	equavalent quality brushing the su- materials include and water to sin incidental and lat painting, curing for internal walls	urfa ling te, bou etc.	ce co sale r ch	to star es & narge	remove nd conv t other es such	e all veyance taxes as clea	loose e of all , all op aning th	powdered materials perational, e surface,					
	Internal wall surface												
	Long wall	1	x	2	23.5 0	16. 00		752.00					
	Short wall	1	x	2	23.5 0	16. 00		752.00					
								1504.00	Sft		1	Sft	
22	Painting to New walls with two coats of Acrylic Emulsion paint of superior quality of approved brand and shade over base coat of cement primer exterior grade -II making three coats in all to give an even shade after thoroughly brushing the surface to remove all loose powdered materials, including cost and conveyance of all materials, including cost and conveyance of all materials, cost of brushes, water to site, etc., sales & other taxes, all operational, incidental and labour charges such as scaffolding charges, lift charges, curing etc., complete for finished item of work in all floors for external Walls.												
	brushes, water operational, inc scaffolding charg	ide ges,	ntal lift	ar t cha	nd labo arges, c	uring e	etc., cor	nplete for					
	brushes, water operational, inc scaffolding charg finished item of External wall	ide ges,	ntal lift	ar t cha	nd labo arges, c	uring e	etc., cor	nplete for					
	brushes, water operational, inc scaffolding charg finished item of	ide ges,	ntal lift	ar t cha	nd labo arges, c	uring e	etc., cor	nplete for					

Sl	D			Μ	easure	ments					Dom		
N 0.	Description of item		No	5.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
	Ded Rolling shutter	1	x	1	12.0 0	7.0 0		-84.00					
	RS-1	1	x	1	8.25	7.0 0		-57.75					
	Ded Window	1	x	4	5.00	5.0 0		-100.00					
								1838.2 5	Sft		1	Sft	
23	Painting to New synthetic enam- existing steel pr materials to so operational and finished item of	el p rimen site, 1 all	aint in sa l la	firs clud les bour n A	st quali ing cos & oti r charg	ity all t and c her ta ges etc	shades conveya axes, in c., com	over an nce of all ncidental, plete for					
	RS	1	X	2	0		7.00	168.00					
	RS-1	1	x	2	8.25		7.00	115.50					
	W/V	4	X	2	5.00		5.00	200.00 483.50	Sft		1	Sft	
24	Providing Higl bars (TATA,SA grade as per IS cutting, bending position with co wire of 20SWG per approved of conveyance of b including cost blocks, chairs, of all operational, cutting, bending & other taxes, on item of work	AIL, V 178 g, to over t, for lesig pars f and overla inc g, pla	/SF 6-1 rec blc min ns fror co aps ider acin	,Jind 985) quire ocks ng gr and n ap nvey , spa ntal, g in	dal & s o of 8m ed sizes of app rills for drawin proved vance of cers, do and la positio	Shyam im to 4 and s roved reinfo ags inc source of binc owels, abour on, tyir	Steel) 40mm d hapes p size and creemen cluding s to site ling wi wastage charges ng etc., plete fo	(Fe 500 liameters, blacing in d binding t work as cost and e of work, re, cover e etc., and such as and sales					
	For Footings	1	x	1	196. 28	2.75	Kg/ Cft	539.77	Kg				
	For Pedestal	1	x	1	30.0 6	3.50	Kg/ Cft	105.21	Kg				
	For Columns	1	x	1	102. 06	3.40	Kg/ Cft	347.00	Kg				
	For Plinth beams	1	x	1	84.6 5	2.75	Kg/ Cft	232.79	Kg				
	For tie beams	1	x	1	97.5 0	2.75	Kg/ Cft	268.13	Kg				
	For Lintels	1	x	1	7.92	1.50	Kg/ Cft	11.88	Kg				
	For Sunshades	1	x	1	2.25	1.00	Kg/ Cft	2.25	Kg				

				Μ	easure	ments					Per		
N 0.	Description of item		No	s.	L	В	D	QTY	Unit	Rate		Per Unit	Amount
1	2		3		4	5	6	7	8	9		10	11
								1.51	MT		1	MT	
25	Supplying fabric works like trusse using structural power charges, of chain pulley blo etc complete.	s, s ste erec	tan el)	chio inc g in	ns, heav luding positio	vy bear cost o ns and	ms and gof weld of weld I fixing	gutter (by ing rods, by using					
	Roof shed with king post truss an a span of 25'	1	x	4 0	25	100 0	0.50	500.00	Kg				
	Purlins & Ties @ 18% of truss weight							90.00					
								590.00	Kg		1	Kg	
26	with neoprene v tapping / drilling					are s	titched	with self		1			1
	25x3 mm Butyl capillary grove. of all materials charges etc. com	tap con to s	oe. npl site	The ete i , sal	sheets ncludin es and	are pr g cost other	to be se tovided and co axes, a	aled with with anti inveyance					
	capillary grove.	tap con to s	oe. npl site	The ete i , sal for fi	sheets ncludin es and	are pr g cost other	to be se tovided and co axes, a	aled with with anti nveyance all labour 1176.0 0					
27	capillary grove. of all materials charges etc., com	tap con to s ple 1 mm wa mar VC on i & inci xing	be. npl site te f x D ter kec cla ncl o der g a	The ete i i, sal for fi	sheets ncludin es and nished 42 SI mar pipes v luding and al g cost taxes charges ite etc	are pring cost other item of ked P vith so cost o l other and co on m s inclu	o be se rovided and co axes, a f work 28 VC (Su cket, 6 f necess r access onveyar naterials ading a f Over	aled with with anti inveyance all labour 1176.0 0 1176.0 0 1176.0 0 udhakar / 6kg/sq.cm sary PVC sories and ace of all to site, ill labour heads &	Sft		1	Sft	

In words (Rupees.....Only)

ANNEXURE – II

PART - I

Date:_____

From :

Name : Address : Phone : Fax : Email: Website:

То

The Secretary Society for National Excellence and Higher Achievement (SNEHA), HIG 228 ,Kananbihar, phase - 1, Post - Patia, Bhubaneswar, Dist - Khurdha, Odisha , PIN – 751031 Mob : 94372 68044 Email: <u>ngosneha228@gmail.com</u>

Sir,

Sub: Re-Tender for construction of 5 Work Sheds for CFCs of Rjakanikda Coir Cluster at different locations in Kenderapra District, Odisha – Submission of **Part I** – Reg.

Ref: Your Tender Notice No. _____dated.____

With reference to your tender notice, we submit herewith our sealed tender for Construction of 5 Work Sheds at at (i) Akhulipada (ii) Akhulipada (iii) Pandarukoli (iv) Nuagaon (v) Kujjipur village, for CFCs of Rajkanika Coir Cluster, Kenderapara District, Odisha as specified by M/s SNEHA, Bhubaneswar.

We enclose the following documents:

1.	Demand Draft for R	s (I	Rupees	Only),
	towards		EMD	(DD
	No	dated,	drawnon	
	Bank in	favour of HI Account	"M/s SNEHA", payable at Bhuba	neswar.

- 2. Tender conditions duly signed in each page and enclosed in token of accepting the Tender conditions.
- 3. Letter of Authorization for authorized signatory from the tenderer organization.
- 4. Details of the Tenderer (as per Annexure-III)

- 5. Average annual Turnover of the legal entity in the 3 preceding financial years duly certified by a Charted Accountant (as per Annexure IV)
- 6. List of Building/Work Sheds construction works executed in last 3 years as per Annexure-V
- 7. Declaration for not having black listed by any other Govt. agencies (as per Annexure-VI).
- 8. Declaration for not having tampered the Tender documents downloaded from the websites <u>www.coirboard.gov.in</u> or <u>www.apitco.org</u> (Annexure-VII).
- 9. The copy of certificate of incorporation/registration (If applicable)
- 10. Copy of Memorandum and Articles of Association (If applicable)
- 11. Copy of Registered Partnership deed, in case of Partnership Firm (If applicable)
- 12. Copy of UdyogAadhaar/ GST Registration Certificate & PAN Card
- 13. Valid Registration Certificate from Valid Registration Certificate from PWD / CPWD / Highways department, any other Central/State Government Department
- 14. Work orders issued by the clients.
- 15. Performance Certificates issued by the clients
- 16. The Annual Report/certified copies of Balance Sheet, Profit & Loss A/c statement along with schedules for the last 3 financial years i.e., 2018-19, 2017-18 and 2016-17 should be enclosed.
- 17. Latest I.T returns
- 19. Notarized translated English version of the documents in a language other than English, if any

Thanking you,

Yours faithfully,

SIGNATURE OF THE TENDERER (With seal and address)

Encl: As stated above

ANNEXURE-III

1.	Name of the Tenderer	
2.	Registered office Address	Telephone Number:
		Fax:
		Email:
		Website, if any:
3.	Contact Person	Name:
		Designation:
		Phone:
		Mobile:
		Email:
4.	Date of Incorporation	
5.	Legal Status	Proprietorship/partnership/Pvt. Limited/Public Limited/ others(PL. mention)
6.	Eligible license holder of	
7.	Brief profile of the Tenderer	
8.	Number of staffs on	Technical:
	regular payroll	Administration:
9.	GST Registration Number	
10.	PAN Number	

DETAILS OF THE TENDERER

SIGNATURE OF THE TENDERER

ANNEXURE-IV

ANNUAL TURNOVER STATEMENT

The Annual turnover of M/s.for the past three years are given below and certified that the statement is true and correct.

S.No	Year	Turnover (Rs. in Lakh)
1.	2018-19	
2.	2017-18	
3.	2016-17	
	Total	
Averag	e annual turnover	

Note: Average Turnover of any three consecutive financial year will be considered i.e., FY 2018-19, 2017-18 and 2016-17

DATE:

SIGNATURE OF THE TENDERER

SIGNATURE OF CHARTERED ACCOUNTANT

List of clients for whom Civil Construction Works undertaken in the past 3 years

(Please provide the details for each project in separate sheet along with work Order/completion certificate from client)

S.No	Name & Address of the Client	Details of Work	Extent/Area covered in Sq.ft	Year of Completion	Cost (Rs.in Lakhs)	Work Order & Completion certificate enclosed (Yes/No)
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

SIGNATURE OF THE TENDERER

ANNEXURE-VI

CERTIFICATE

Date:_____

Certified that M/s...../ the firm/ company or its partners / share holders had not been blacklisted buy any Government Agencies.

SIGNATURE OF THE TENDERER

ANNEXURE-VII

DECLARATION FORM

Date :

- a. I/We.....having our office at.....do declare that I / We have carefully read all the conditions of tender floated vide tender ref. no.....for Construction of Work Sheds for Common Facility Centres of Rajkanika Coir Cluster, Kenderapara District, Odisha will complete the contract as per the tender conditions.
- b. I/We have downloaded the tender document form the internet site, <u>www.coirboard.nic.in</u>, <u>www.apitco.org</u>. I/We have not tampered/modified the tender document in any manner. In case, if the same is found to be tampered/ modified, I/We understand that my/our tender will be summarily rejected and full Earnest Money Deposit will be forfeited and I/We am/are liable to be banned from doing business with M/s. SNEHA/Coir Board or prosecuted.

SIGNATURE OF THE TENDERER

ANNEXURE-VIII

PART-II

From,

Name: Address: Ph: Fax: E-mail:

То

The Secretary Society for National Excellence and Higher Achievement (SNEHA), HIG 228 ,Kananbihar, phase - 1, Post - Patia, Bhubaneswar, Dist - Khurdha, Odisha , PIN – 751031 Mob : 94372 68044 Email: <u>ngosneha228@gmail.com</u>

Sir,

- Sub: Tender for Construction of Work Sheds for Common Facility Centres at (i) Akhulipada (ii) Akhulipada (iii) Pandarukoli (iv) Nuagaon (v) Kujjipur village, of Rajkanika Coir Cluster, Kenderapara District, Odisha - Submission of Part-II-Price Offer - Reg.
- Ref: Our tender (Technical Bid) submitted for "Construction of Work Sheds for Common Facility Centres of Rajkanika Coir Cluster, Kenderapara District, Odisha".

In continuation of our above tender, we submit herewith the price offer for "Construction of Work Sheds for Common Facility Centres of Rajkanika Coir Cluster, Kenderapara District, Odisha" as specified by M/s. SNEHA in this tender document.

We agree to abide by the terms and conditions stipulated by the M/s. SNEHA and also agree to complete the entire contract, at the rates quoted by us. The rate quoted and approved by the M/s. SNEHA in this tender will hold good as per M/s. SNEHA tender conditions.

Yours faithfully,

SIGNATURE OF THE TENDERER

ANNEXURE-IX

PRICE BID

I/We, Sri / Smt./M/s. do hereby express my/Our willingness to execute the aforesaid work/ item nos.------ of the schedule and supply material and machinery as per the conditions, standards, specifications, rules, regulations, etc., stipulated in the tender documents as per the price abstract tabulated below and also as per the detailed breakup enclosed to this price bid.

S.No	Name of the Work	Price in Figures	Price in Words
1	Construction of Work Shed for Coir, Yarn, Mat & Geo-Textile Making (0.5 Mm Thick Gi Coloured Industrial Sheet Roof Shed with Ms 75 mm And 50 Mm Pipe Section Truss Support below Roof Shed) (50' X 30') At Akhulipada (V) Rajkanika Block, Kenderapara District, Odisha.		
2	Construction of Shed For Raw Material Bank & Fibre Extraction (Swarna) (0.5 mm Thick GI Coloured Industrial Sheet Roof Shed With Ms 75 mm and 50 Mm Pipe Section Truss Support Below Roof Shed) (40' X 25') Akhulipada (V) Rajkanika Block, Kenderapara District, Odisha.		
3	Construction of Work Shed for Coir Yarn & Mat Making (0.5 mm Thick GI Coloured Industrial Sheet Roof Shed With MS 75 mm and 50 mm Pipe Section Truss Support Below Roof Shed) (40' X 25') at Plot No.209/608, Pandarukoli (V), Rajkanika Block, Kenderapara District, Odisha		
4	Construction of Work Shed For Coir yarn & Mat Making (0.5 mm		

S.No	Name of the Work	Price in Figures	Price in Words
	thick GI Coloured Industrial Sheet Roof Shed With Ms 75 mm and 50 mm Pipe Section Truss Support Below Roof Shed) (50' X 20') Plot No.2211, Khata No.300, Mouza: Kissam Gharabari Nuagaon (V), P.S: Rajkanika District- Kenderapara, Odisha		
5	Construction of Work Shed For Coir Yarn & Mat Making (0.5 mm thick GI Coloured Industrial Sheet Roof Shed With MS 75 mm and 50 mm Pipe Section Truss Support Below Roof Shed) (40' X 25') at Kujjipur (V) Rajkanika Block, Kenderapara District, Odisha		

Note: The price Bid is inclusive of all taxes, transport, labour and other expenses at site.

SIGNATURE

NAME OF THE BIDDER / AUTHORISED SIGNATORY

Seal

CHECKLIST OF DOCUMENTS

Documents to be enclosed in Part-I

S.No	Checklist	Enclosed (Yes/No)	Reference in the Bid(Page No.)
1.	A covering letter on your letter head addressed to the Secretary, M/s. SNEHA, HIG 228 ,Kananbihar, phase - 1, Post - Patia, Bhubaneswar, Dist - Khurdha, Odisha , PIN – 751031, Mob : 94372 68044, Email: ngosneha228@gmail.com (as per Annexure-II)		
2.	Tender conditions duly signed in each page and enclosed in token of accepting the Tender conditions		
3.	Demand Draft for Rs(Rupees only), in favour of "HI Account SNEHA", payable at Bhubaneswar, towards Earnest Money Deposit.		
4.	Authorization letter from the Company for the person to sign the tender		
5.	Details of the Tenderer (as per Annexure-III)		
6.	Average annual turnover statement duly certified by a Chartered Accountant (as per Annexure-IV)		
7.	List of Building/Work Sheds construction works executed in last 3 years as per (Annexure-V)		
8.	Declaration for not having black listed by any other Govt. agencies (as per Annexure-VI)		
9.	Declaration for not having tampered the Tender documents downloaded from the websites <u>www.coirboard.nic.in</u> or <u>www.apitco.org</u> (Annexure-VII).		
10.	The copy of certificate of incorporation/registration.		
11.	Copy of Memorandum and Articles of Association		
12.	Copy of Registered Partnership deed, in case of Partnership Firm		
13.	Copy of Udyog Aadhaar, GST Registration Certificate & PAN Card		

Documents to be enclosed in Part-II

S.No	Check List	Enclosed (Yes/No)
1	A covering letter on the letter head addressed to The Secretary, M/s. SNEHA, HIG 228 ,Kananbihar, phase - 1, Post - Patia, Bhubaneswar, Dist - Khurdha, Odisha , PIN – 751031, Mob : 94372 68044, Email: ngosneha228@gmail.com (as per Annexure-VIII)	
2.	Price Bid as per Annexure-IX of the Tender document.	

Both 'Part I-Technical bid 'cover and 'Part II-Price bid' cover must be placed in a separate sealed cover superscripted as **"Rajkanika Coir Cluster-Re-Tender for Construction of Work Sheds for Common Facility Centres of Rajkanika Coir Cluster, Kenderapara District, Odisha"** and addressed to **"The Secretary,Society for National Excellence and Higher Achievement (SNEHA), HIG 228,Kananbihar phase - 1, Post - Patia, Bhubaneswar, Dist - Khurdha, Odisha , PIN – 751031, Mob:** 94372 68044, 7978152533, **Email:** <u>ngosneha228@gmail.com</u>", containing the name and address of the Tenderer.

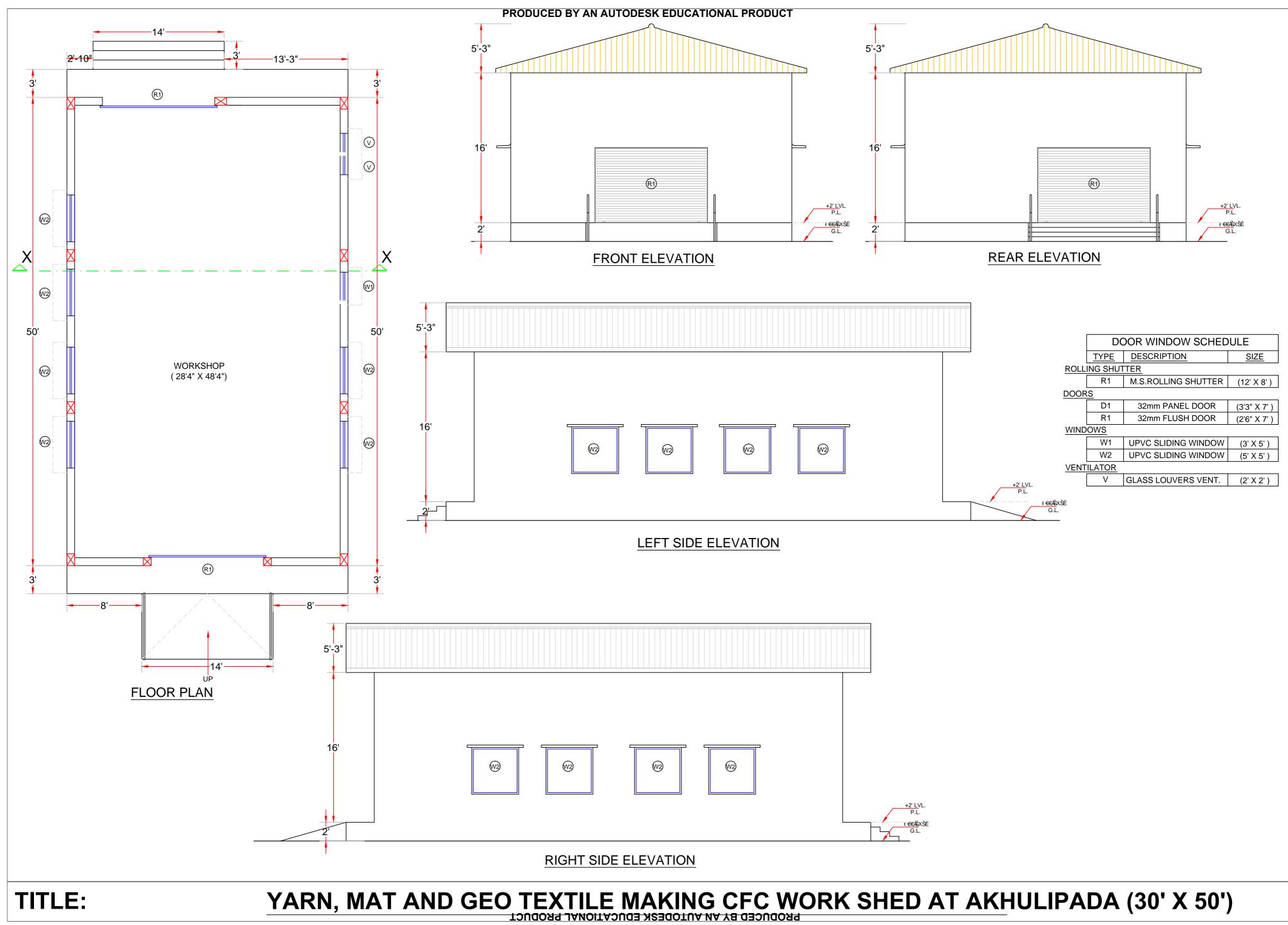
Note: Tenders submitted in unsealed cover would summarily be rejected.

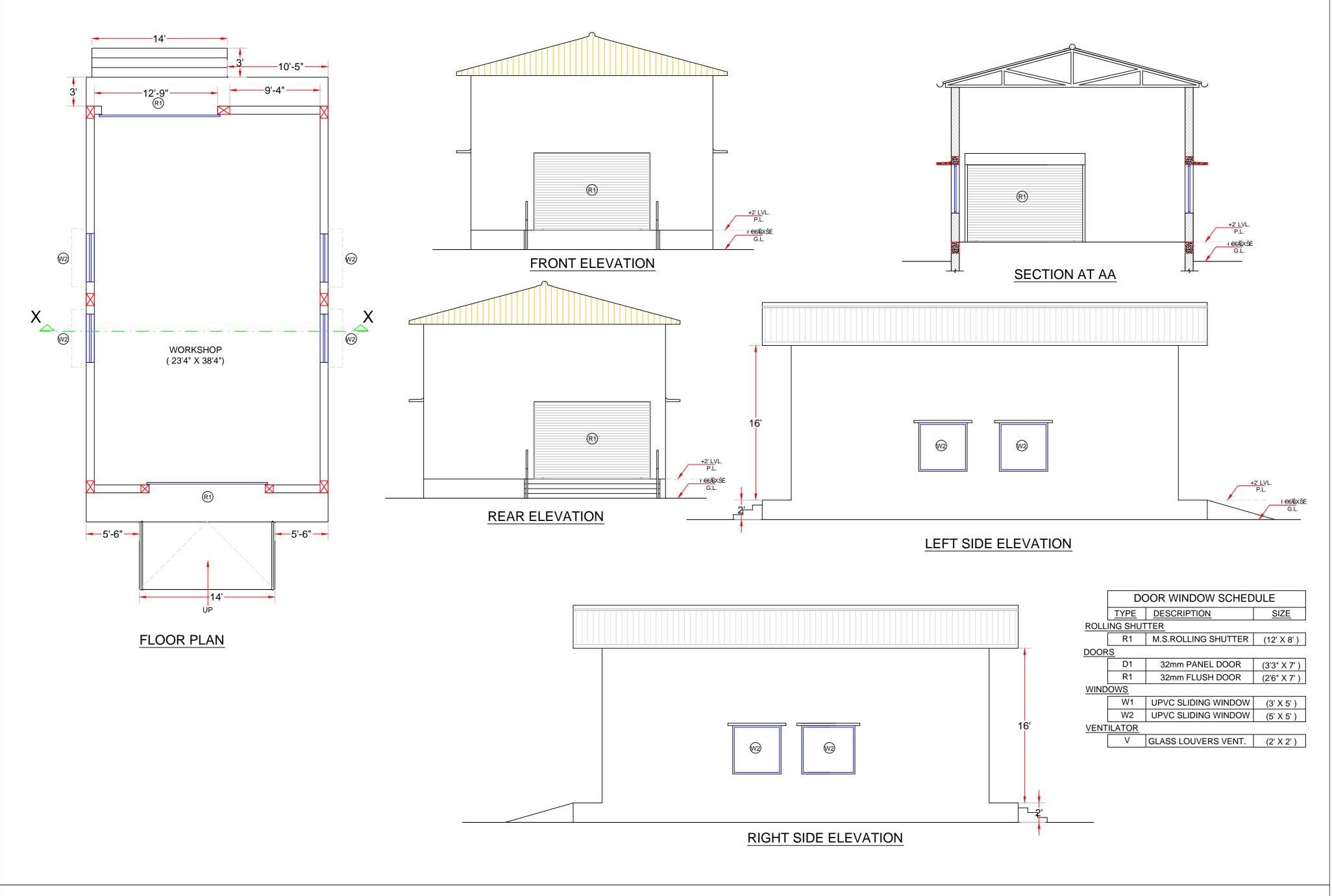
Signature of the Tenderer with seal

<u>Schedule – B</u>

List of Drawings

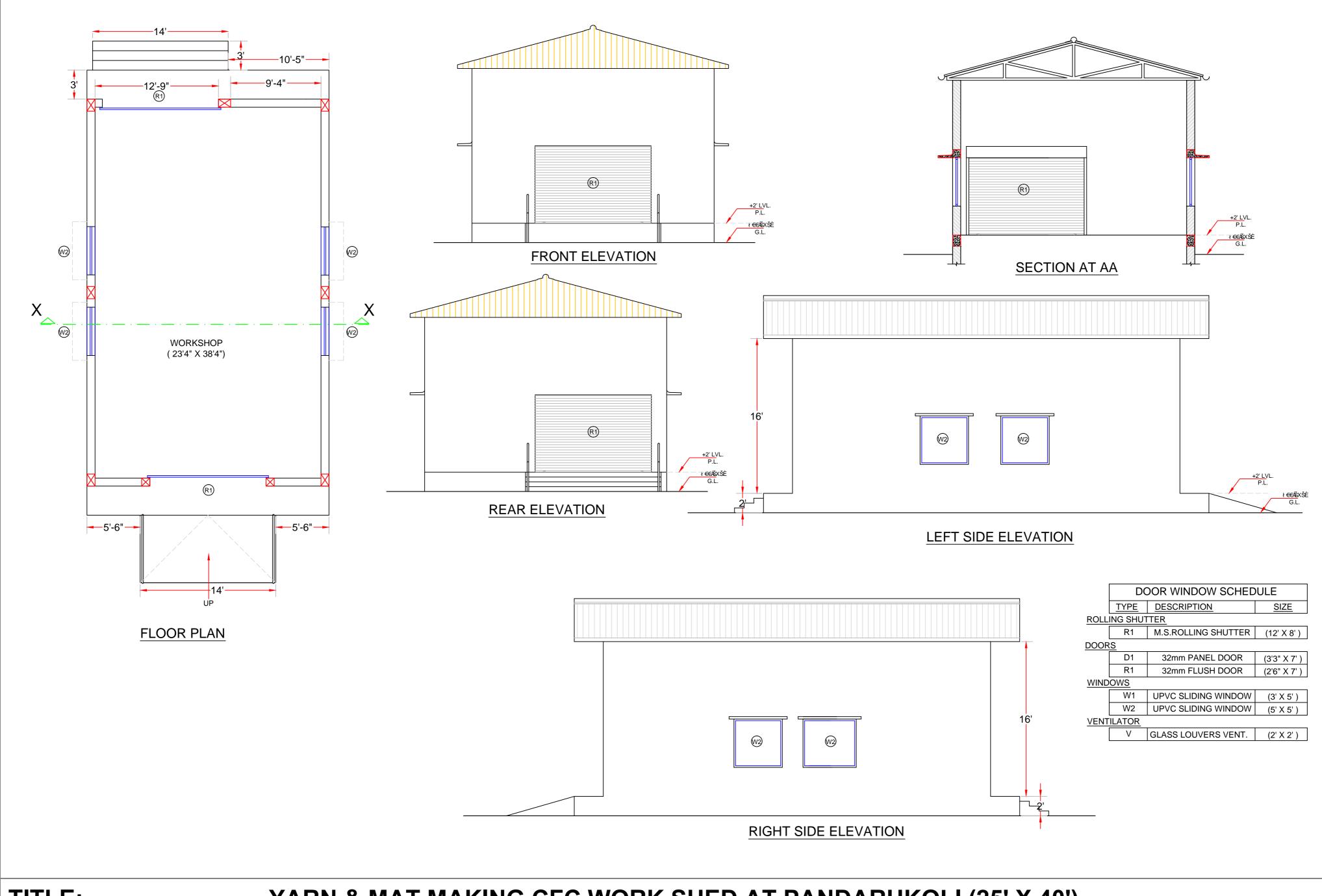
S.No	Drawing No.	
1	Plan & Section Drawing of Yarn, Mat & Geo-Textile making Work shed- Schedule- 1A (50' x 30')	
2	Plan & Section Drawing of Raw material Bank – Schedule 2A (40' x 25')	
3	Plan & Section Drawing of Yarn & Mat making Work Shed – Schedule 3A (40' x 25')	
4	Plan & Section Drawing of Yarn & Mat making Work Shed – Schedule 4A (50' x 20')	
5	Plan & Section Drawing of Yarn & Mat making Work Shed – Schedule 5A (40' x 25')	





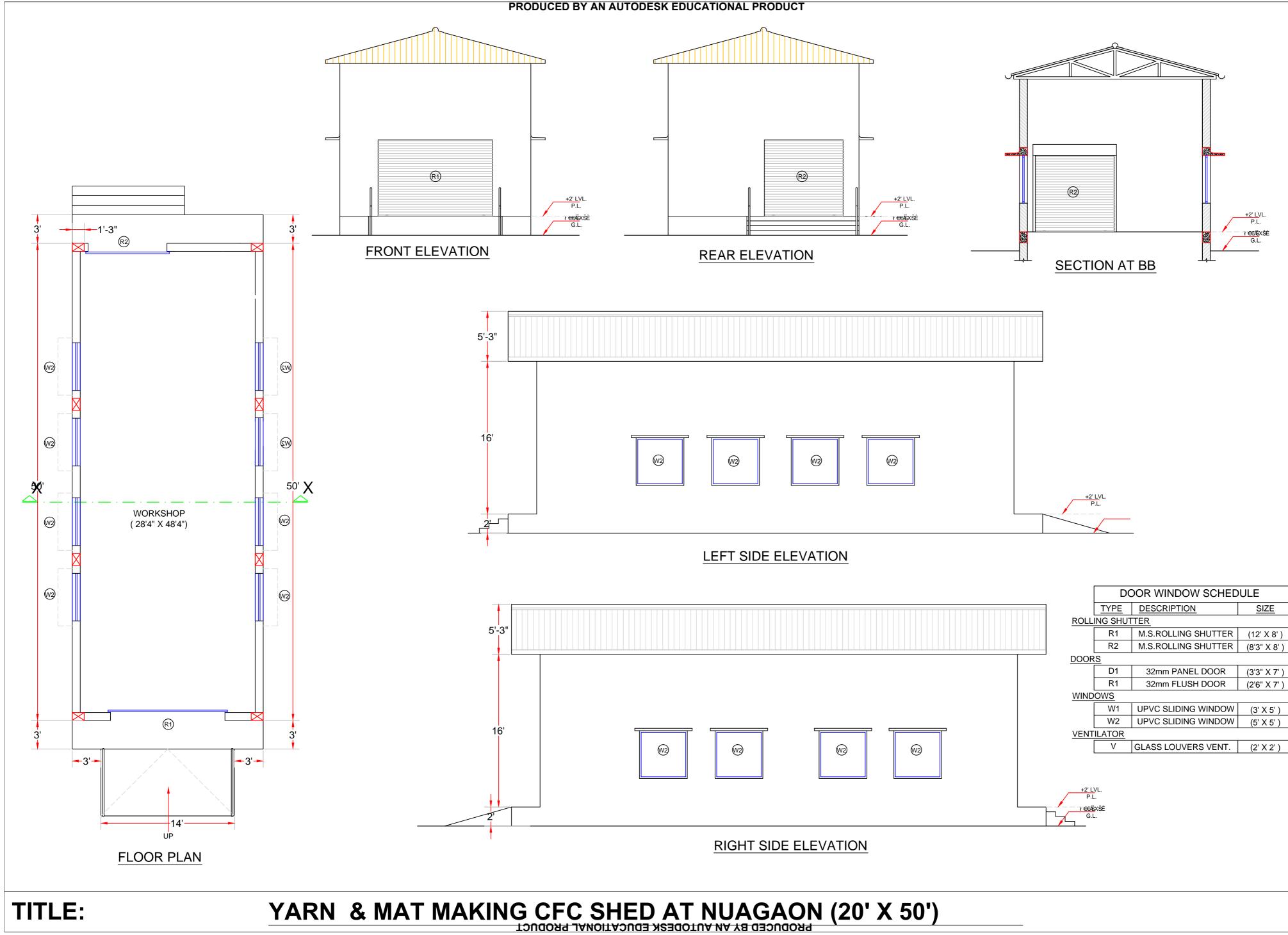
TITLE:

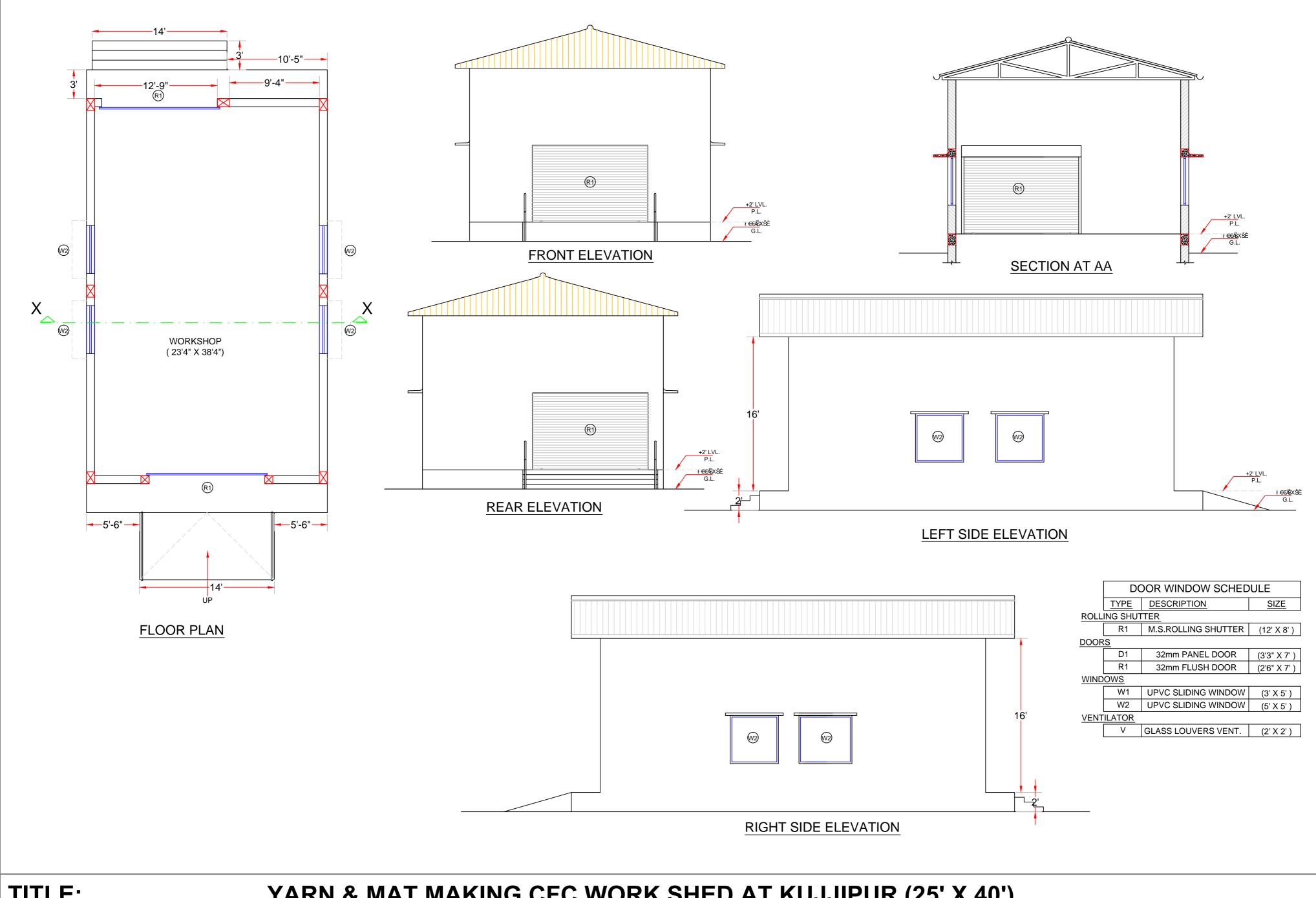
RAW MATERIAL BANK & FIBRE EXTRACTION CFC WORK SHED AT AKHULIPADA (25' X 40')



TITLE:

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT





TITLE: