

M/s.Orissa Cooperative Coir Corporation Ltd.

Office: DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha - 751010



Tender Notice No.SFURTI-II/ODI-Bhograi/BLDG/01/2020-21 dt.19.09.2020

Sealed Tenders are invited by **M/s.Orissa cooperative coir corporation Ltd**, the Implementing Agency (IA) of **Bhograi Coir Cluster**, from reputed civil contractors for the following works under the **Scheme of Fund for Regeneration of Traditional Industries (SFURTI)** of Coir Board, Ministry of MSME, Government of India.

Name of Work	EMD									
Construction of Industrial Work Shed	The	The tender comprises of 3 packages								
Buildings and Amenities for the										
Common Facility Center of Bhograi		S.No	Package	EMD (in Rs.)						
Coir Cluster in 3 locations.	Γ	1.	Package I	50,000/-						
		2.	Package II	15,000/-						
		3.	Package III	25,000/-						
	in	favour	of "Orissa	nand Draft drawn cooperative coir ble at Balasore.						

The tender Schedule can be downloaded at free of cost from the website of **www.coirboard.gov.in** or **www.itcot.com** or **www.bhograicoircluster.com** upto 5.00 PM on 11.10.2020.

The last date for submission of tenders is upto 2.00 P.M on **12.10.2020** and the same will be opened on the same day at 3.00 PM. The tender document shall be submitted at the office of M/s.Orissa cooperative coir corporation Ltd., DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha - 751010.

MANAGING DIRECTOR

M/s.Orissa Cooperative Coir Corporation Ltd.

 (Implementing Agency - Bhograi Coir Cluster, Balasore District)
 Office: DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha - 751010
 Mobile: 0674-2549405, Email: occcltdbbsr405@gmail.com

TENDER REFERENCE No. SFURTI-II/ODI-Bhograi/BLDG/01/2020-21

TENDER FOR THE CONSTRUCTION OF INDUSTRIAL WORK SHED BUILDINGS AND AMENITIES FOR THE COMMON FACILITY CENTER OF BHOGRAI COIR CLUSTER

Date & Time of Release of Tender	19.09.2019, 10.00 AM
Date & Time of Pre-Bid Meeting	01.10.2020, 11.00 AM
Last Date & Time for Submission of Bid	12.10.2020, 02.00 PM
Date & Time of Opening of Bid (Technical bid only)	12.10.2020, 03.00 PM

Technical Agency (SFURTI)

ITCOT Consultancy and Services Limited

E-mail: info@itcot.com, Website: www.itcot.com

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TENDER FOR THE CONSTRUCTION OF INDUSTRIAL WORK SHED BUILDINGS AND AMENITIES FOR BHOGRAI COIR CLUSTER, BALASORE

1. **PREAMBLE**

Ministry of MSME, Government of India has formulated "Scheme of Fund for Regeneration of Traditional Industries (SFURTI)", for the development of Village industries and Coir clusters in order to organize the traditional industries and artisans for their growth and long term sustainability. The scheme stipulates Coir Board as the Nodal Agency for coir clusters.

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

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

Bhograi Coir Cluster is approved under the scheme. **M/s.SPV for Bhograi Coir Cluster**, having administrative office at Chakbadi Jaleswarpur, Post Dahurda, PS Bhagrai, District Balasore - 756036, is the Special Purpose Vehicle (SPV) of the Cluster. **M/s. Orissa Cooperative Coir Corporation Ltd** is the Implementing agency of the cluster and **M/s.ITCOT Consultancy and Services Limited** is the designated Technical agency for the cluster.

The scheme envisages establishment of upgraded production infrastructure, as the Common Facility Center (CFC), for the manufacturing of coir products and stipulates the building 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 building works and procurement of machineries.

M/s.SPV for Bhograi Coir Cluster, the Special Purpose Vehicle (SPV) of Bhograi Coir Cluster, having the administrative office at Chakbadi Jaleswarpur, Post Dahurda, PS Bhagrai, District Balasore - 756036, propose to establish a Common Facility Centre (CFC) in 3 locations (CFC 1: Plot No-10, Khata No: 92/46, Mouza Chandisinghpur, Ps/Ts Bhogarai, District Balasore, Odisha, CFC 2: Plot No.116 & 117, Khata No.32, Mouza Debdha, Ps Bhogarai, Ts Jaleshwar, District Balasore, Odisha, CFC 3: Plot No.71/916, Khata No. 217/78, Mouza Bindhapadmapur, Ps/Ts Bhogarai, District Balasore, Odisha) with the financial assistance from Government of India under SFURTI.

In this context, on behalf of SPV, M/s.Orissa Cooperative Coir Corporation Ltd, the Implementing Agency (IA) of Bhograi Coir Cluster having administrative office at DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha - 751010, invites sealed tenders from Civil contractors in "Two Cover System" for the construction of industrial work shed buildings and amenities for the Common Facility Center for Bhograi Coir Cluster through transparent bidding process.

The tender comprises of 3 packages. The Tender for each package have to be submitted separately and each package will be considered as separate tender. The tenderer can bid

one or more packages subject to fulfillment of eligibility criteria for the respective package. The successful bidder to be selected through this tender is expected to construct industrial work shed buildings and amenities as specified, for each package, in the tender. Drawings and Bill of Quantity (BoQ) are given in Annexure I. The Tender notification has been published fixing the date of opening of tender as 12.10.2020 at 03.00 PM.

2. SCOPE OF WORK

- a) The successful tenderer should undertake construction of industrial work shed buildings and amenities for the respective packages (CFC 1: Plot No-10, Khata No: 92/46, Mouza Chandisinghpur, Ps/Ts Bhogarai, District Balasore, Odisha, CFC 2: Plot No.116 & 117, Khata No.32, Mouza Debdha, Ps Bhogarai, Ts Jaleshwar, District Balasore, Odisha, CFC 3: Plot No.71/916, Khata No. 217/78, Mouza Bindhapadmapur, Ps/Ts Bhogarai, District Balasore, Odisha) as per the drawings and Estimate/Bill of Quantity (BoQ) given in Annexure-I.
- b) The successful tenderer should complete the construction of industrial work shed buildings and amenities within 90 days from the date of receipt of Work Order. The time line for the cumulative percentage of work to be completed based on the value of work shall be as given below:

Days	Percentage of
	work to be completed
1 st 30 days	Min. 20% of total contract value
2^{nd} 30 days	Min. 60% of total contract value
3 rd 30 days	100% of total contract value

3. QUALIFICATION CRITERIA

Clause	Qualification Criteria	Supporting Document
3(a)	The tenderer should be a registered	(i) In case of Private / Public Limited
	legal entity.	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 Concern,
		• Copy of Udyog Aadhaar/ GST
		Registration Certificate / PAN
		Card.
3(b)	The tenderer should be an eligible	(i) Valid Registration Certificate from
	Civil contractor	PWD / CPWD / Highways
		department
		(ii) Valid registration of GST

	3(c)		ould have at least 3	(i) Work orders issued by clients							
		years of experi	ience (as on 31 st	(ii) Performance certificate issued by							
		August 2020) as	Civil contractor.	clients							
				(iii)List of construction works executed							
				in last 3 years as per Annexure-V							
	3(d)	The tenderer s	hould have been	(i) Work orders issued by clients							
	- ()	awarded and		(ii) Performance certificate issued by							
			ast three works of	clients							
		-	n the last 3 years								
		(as on 31 st Augus	5								
┢	3(e)		Average Annual	(i) The average annual turnover							
	5(0)		tenderer in the last	statement duly certified by							
			years i.e. 2016-17,	F							
			18-19 or 2017-18,	Annexure IV (ii) The Annual Report/ certified copies							
			019-20 shall be as								
		given below:		of Balance Sheet, Profit & Loss							
				statement along with schedules for							
		Package	Turnover	the last 3 consecutive financial years							
		Package I	Rs.50.00 lakhs								
		Package II	Rs.20.00 lakhs								
		Package III	Rs.30.00 lakhs								
		Note: The turn	over stipulated is								
			c, irrespective of								
			ackages tendered.								
	3(f)	_	ould not have been	The declaration form as per Annexure							
			upply of any items	VI should be enclosed.							
			any Government	vi should be cherosed.							
		departments/age	•								
		uepartinents/age	псу								

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/Odia, the notarized translated English version of the documents should also be enclosed.

5. PURCHASE OF TENDER DOCUMENTS

- a) The tender document shall be downloaded from **www.coirboard.gov.in** or **www.itcot.com** or **www.bhograicoircluster.com** at free of cost. The tenderer should give a declaration for not having tampered the Tender document downloaded from Internet (as per Annexure VII).
- b) The tender document can be downloaded from 19.09.2020 to 11.10.2020.

6. **PREBID MEETING**

There will be a pre-bid meeting on 01.10.2020 at 11.00 am in the office of **M/s.Orissa cooperative coir corporation Ltd., DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha – 751010** during which the prospective tenderers can get clarifications about the tender. The tenderers shall send their queries in writing if any so as to reach IA at least two days prior to the pre-bid meeting date. The tenderers are advised to check www.coirboard.gov.in or www.itcot.com or www.bhograicoircluster.com for up-to-date information like change in date / venue etc., of pre-bid meeting as IA may 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 before 48 hours of the opening of the tender. Such queries may be sent in writing to "M/s.Orissa cooperative coir corporation Ltd., DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha – 751010" or by e-mail to occcltdbbsr405@gmail.com. IA will upload the clarification on www.coirboard.gov.in or www.itcot.com or www.bhograicoircluster.com. 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

IA whether on its own initiative or as a result of a query, suggestion or comment of an Applicant or a 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 be uploaded on **www.coirboard.gov.in** or **www.itcot.com** or **www.bhograicoircluster.com** 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 authorized for the same by the tenderer.

10. PRE-VISIT OF SITE

The tenderer, on his/her own responsibility, risk and cost, is advised to visit and examine the site of works (**CFC 1:** Plot No-10, Khata No: 92/46, Mouza Chandisinghpur, Ps/Ts Bhogarai,

District Balasore, Odisha, **CFC 2:** Plot No.116 & 117, Khata No.32, Mouza Debdha, Ps Bhogarai, Ts Jaleshwar, District Balasore, Odisha, **CFC 3:** Plot No.71/916, Khata No. 217/78, Mouza Bindhapadmapur, Ps/Ts Bhogarai, District Balasore, Odisha) 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

- (a) 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.
- (b) The tenders invited are based on item wise rates mentioned in the estimate of works/BoQ. 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 recognised and if any such alterations are made the tender will be void.
- (c) 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.
- (d) 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., complete.
- (e) 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.
- (f) The tenderer / Contractor should strictly follow above instructions without fail.

12. SUBMISSION OF TENDER IN TWO COVER SYSTEM

- (a) The tender comprises of 3 packages. The tenderer can bid one or more packages. Tender for each package have to be submitted separately and each package will be considered as separate tender. Bidders who apply multiple packages shall comply with the conditions and clauses pertaining to the respective packages and shall submit the bid for each package separately. The drawings and Bill of quantities (BOQ) of each package is given in Annexure I.
- (b) Every page of the terms and conditions of the tender document should be signed and enclosed with the tender, in token of having accepted the tender conditions. Failing which the tender will be rejected summarily.

(c) Tenders should be submitted in **two parts for each package separately**:

- i. Part I will cover technical bid and
- ii. Part II will cover price bid
- (d) Tenderers should ensure submission of all documents pertaining to Part-I and Part II proposals separately as per the Check list given in Annexure -X.
- (e) Tenderers are requested to place Part I and Part II documents in separate sealed covers. Part I cover to be superscripted as "Part I – Technical bid (Package No: ___)" and Part II cover to be superscripted as "Part II – Price bid (Package No: ___)" respectively, mentioning the name and address of the Tenderer in each of the both covers. These two sealed covers (Part I and Part II) must be placed in a single outer cover superscripted as "Tender for the construction of work shed buildings and amenities for Bhograi Coir Cluster, Balasore (Package No: ___)" and addressed to "M/s.Orissa cooperative coir corporation Ltd., DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha – 751010" mentioning the name and address of the Tenderer in the outer cover. Tenders shall be submitted in sealed cover and unsealed tenders would summarily be rejected.
- (f) Tenders should be dropped only in the tender box kept at the office of "M/s.Orissa cooperative coir corporation Ltd., DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha 751010" on or before 02.00 PM on 12.10.2020. Tenders will not be received by hand.
- (g) Alternatively, the tenders can be submitted through registered post so as to reach the above address on or before 02.00 PM on 12.10.2020. Tenders received after the specified time will not be considered and IA will not be liable or responsible for any postal delays.
- (h) A tender once submitted shall not be permitted to be altered or amended.

13. EARNEST MONEY DEPOSIT

(a) The Tender should be accompanied by an Earnest Money Deposit (EMD) in the form of Account Payee Demand Draft drawn on any Indian Nationalized/Scheduled Commercial Bank in favour of "Orissa cooperative coir corporation Ltd", payable at Balasore. EMD for each package is given below:

S.No	Package	EMD (in Rs.)
1.	Package I	50,000/-
2.	Package II	15,000/-
3.	Package III	25,000/-

(b) The EMD in any other form will not be accepted. The Earnest Money Deposit will be returned to the unsuccessful tenderers at the earliest on the expiry of final bid validity and latest on or before the 30th day of the award of contract. **The bids received without EMD will be summarily rejected.**

- (c) The Earnest Money Deposit 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.
- (d) 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.
- (e) If the tenderer emerges as the successful bidder and after subsequent issuance of letter of acceptance by the IA, failure to sign the agreement, to remit the Security Deposit or to execute the contract as per tender conditions, will result in the forfeiture of the EMD amount remitted.

14. VALIDITY

- (a) The rate quoted in the Tender should be valid for the acceptance by the IA for a minimum period of 90 days from the date of opening of the Tender.
- (b) The accepted rate of the successful tenderer is valid till the entire contract is fully completed. Escalation in the rates will not be entertained under any circumstances.

15. OPENING AND EVALUATION OF THE TENDER

- (a) The tender box will be closed at 02.00 PM as per the office clock on 12.10.2020 and the received tenders in the tender box will only be opened. Tenders received after specified date and time will not be accepted. The Tender will be opened by the Tender committee at 03.00 PM on the same day in the presence of the available Tenderers/ representatives of the Tenderers who choose to be present. The Tenderers or their authorized agents are allowed to be present at the time of opening of the tenders.
- (b) 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 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.
- (c) If the date fixed for opening of the tender happens to be a Government holiday, the sealed tenders will be received up to 02.00 PM on the next working day and opened at 03.00 PM on the same day.
- (d) The Technical bid will be evaluated by the tender committee in terms of the qualification Criteria. The committee reserves the right to disqualify any of the tender in case the Committee is not satisfied with the documents furnished.
- (e) 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**

- (a) The Price bid should be kept only in the Part II cover.
- (b) The price bid should be prepared as per Annexure-IX.
- (c) The price should be neatly and legibly written both in figures and words.
- (d) In case of discrepancy between the prices quoted in words and figures lower of the two shall be considered.
- (e) If a bidder quotes NIL charges/consideration, the bid shall be treated as unresponsive and will not be considered.
- (f) 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

- (a) The Tender committee will examine for complete, properly signed and error-free nature of the Price bid (Part II)
- (b) 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

- (a) The Tenderer who has quoted lowest price (L1) will be issued the 'Letter of Acceptance' by the Implementing Agency.
- (b) 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

(a) On receipt of the Letter of Acceptance from IA, the successful tenderer should remit a Security Deposit (SD) of 5% of the value of the contract in the form of NEFT/RTGS or Account payee Demand Draft from any Indian Nationalized/Scheduled Commercial Bank or irrevocable Bank Guarantee with a validity period of one year in favour of "Orissa cooperative coir corporation Ltd", payable at Balasore, within 10 (Ten) working days from the date of receipt of letter of acceptance. The EMD shall be adjusted with the Security Deposit.

- (b) Any other amount pending with IA will not be adjusted under any circumstances, against the Security Deposit if so requested.
- (c) 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.
- (d) 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/SD amount remitted by the tenderer 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 industrial work shed buildings and amenities within 90 days from the date of receipt of Work Order.

22. DEFECT IDENTIFICATION AND IT'S RECTIFICATIONS

- (a) 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.
- (b) 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.
- (c) 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

- (d) 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.
- (e) 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

- (a) **30% 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.
- (b) **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.
- (c) **The balance 30% and SD** 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.
- (d) 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

- (a) 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 o a maximum of 5%. Delays beyond that period will be viewed as violation of the contract terms and will be dealt accordingly.
- (b) 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.

- (c) 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.
- (d) 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

- (a) Conditional tender in any form will not be accepted.
- (b) 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.
- (c) Tender committee reserves the right to relax or waive or amend any of the tender conditions.
- (d) The successful tenderer shall not outsource/off load either full or part of the work to any other agency / individual.
- (e) 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.

28. ARBITRATION

- (a) 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 IA / 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.
- (b) The venue of the Arbitration shall be at the Regional Office Coir Board, Udyogpuri, Jagamara, Khandagiri, Bhubaneswar, Odisha 751030. The decision of the Arbitrator shall be final and binding on both the parties to the Arbitration.

(c) 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 Balasore only.

29. JURISDICTION OF THE COURT

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

We agree to the above terms and conditions.

SIGNATURE OF THE TENDERER:

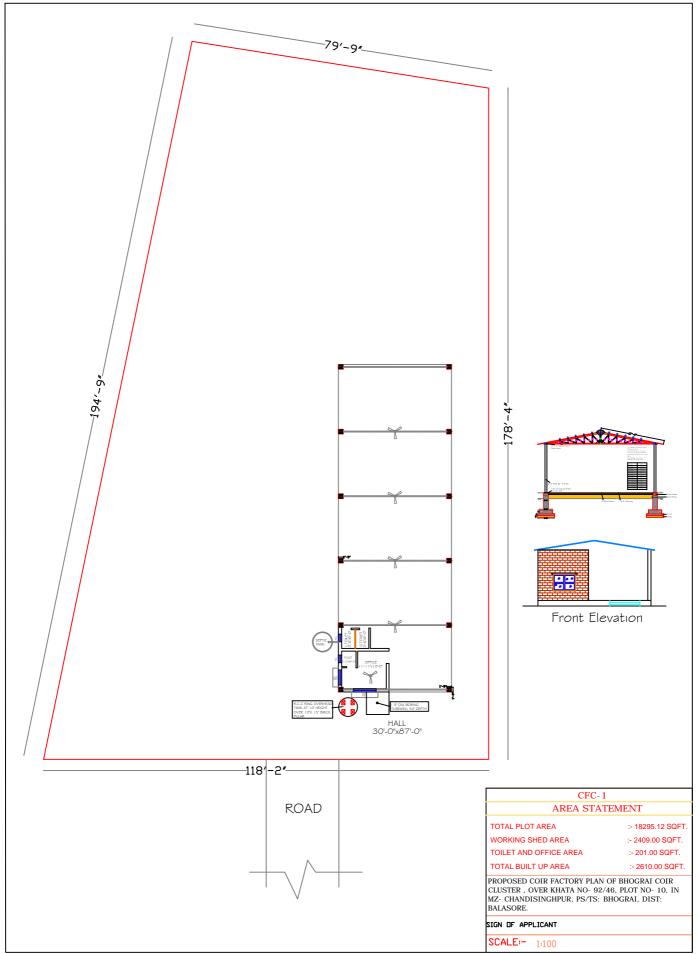
DATE:

NAME IN BLOCK LETTERS:

DESIGNATION:

ADDRESS:

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DETAILED ESTIMATE FOR PROPOSED COIR FACTORY OF BHOGRAI COIR CLUSTER,PLOT NO-10 ,KHATA NO: 92/46 IN MZ:CHANDISINGHPUR,PS/TS: BHOGARAI, DIST:BALASORE,ODISHA.

CFC1 (2610 Sft), Working Shed(2409 Sft) & Toilet Cum Office(201 Sft) No Peripherial wall, pipe column 12 Nos, Pipe truss 6 Nos, Height of the Ridge-15', Column Height-13'

1 Earth work in hard soil in exacavation of foundation trenches within 50 m. initial lead and 1.5 m.initial lift including all costs of labour

materials required for the work etc complete and as per direction of Engineer-in-charge.

33.20

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	Center line length of wall	10"	=		230'-8"						
	Earth work Exavalation of Column	=	12	×	4'-6"	×	4'-6"	×	5'-0"	=	1,215.00 Cft.
	Earth work Exavalation of 10" wall	=	1	×	167'-10"	×	2'-6"	×	2'-6"	=	1,048.96 Cft.
	Earth work Exavalation of OH tank base	=	1	×	6'-0"	×	6'-0"	×	2'-6"	=	90.00 Cft.
	Earth work Exavalation for septic tank	=	1	×	6'-0"	×	6'-0"	×	5'-0"	=	180.00 Cft.
	Add 1 % for steps	=		×	1215.00	×	0.01			=	12.15 Cft.
									Net	=	2,546.11 Cft.
	= 72.11	Cu	n								
2	Filling in F&P with excavated materials inc	luding	well	watere	d and ramm	ed.(2	/3 of res	spectiv	ve earth work)		
	Filling sides of foundation	=	2/3 o	f the fo	undation tren	ch					
	2,546.11			Cft.				х	2/3of		1,697.41 Cft.
	= 48.07	Cu	n								
3	Filling F and P with sand, well watered	l and ra	amme	ed							
	Below foundation of Column	=	12	×	4'-6"	×	4'-6"	×	0'-6"	=	121.50 Cft.
	Below Foundation of 10" wall	=	1	×	230'-8"	×	2'-6"	×	0'-6"	=	288.33 Cft.
	Below Foundation of OH Tank	=	1	×	6'-0"	×	6'-0"	×	0'-6"	=	18.00 Cft.
	Filling pockets of room										
	Pockets of the building	=	1	×	85'-4"	×	28'-4"	×	1'-6"	=	3,626.67 Cft.
									Total	=	5,751.91 Cft.
	= 162.89	Cu	n								
4	Cement concrete (1:4:8) with 4 cm. Down	grade	size c	rushei	broken har	d gra	nite me	tal la	aying in 150/10	0mm thick	k ramming, compacting
	to proper thickness.,watering, curing.										
	Below Foundation PCC of Column	=	16	×	4'-6"	×	4'-6"	×	0'-6"	=	162.00 Cft.
	Below foundation PCC of 10" wall	=	1	×	230'-8"	×	2'-6"	×	0'-4"	=	192.22 Cft.
	Below foundation PCC of OH Tank	=	1	×	6'-0"	×	6'-0"	×	0'-4"	=	12.00 Cft.
	PCC of pockets of room										
	Pockets of the building	=	1	×	85'-4"	×	28'-4"	×	0'-4"	=	805.93 Cft.
									Total	=	1,172.15 Cft.

5 Reinforced cement concrete (1:2:4) with 12 mm size black hard crusher broken granite chips including hosting and laying in position

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compacting to proper design section but excluding cost of tor steel rod and labour charges for cutting, bending, binding & including Rigid

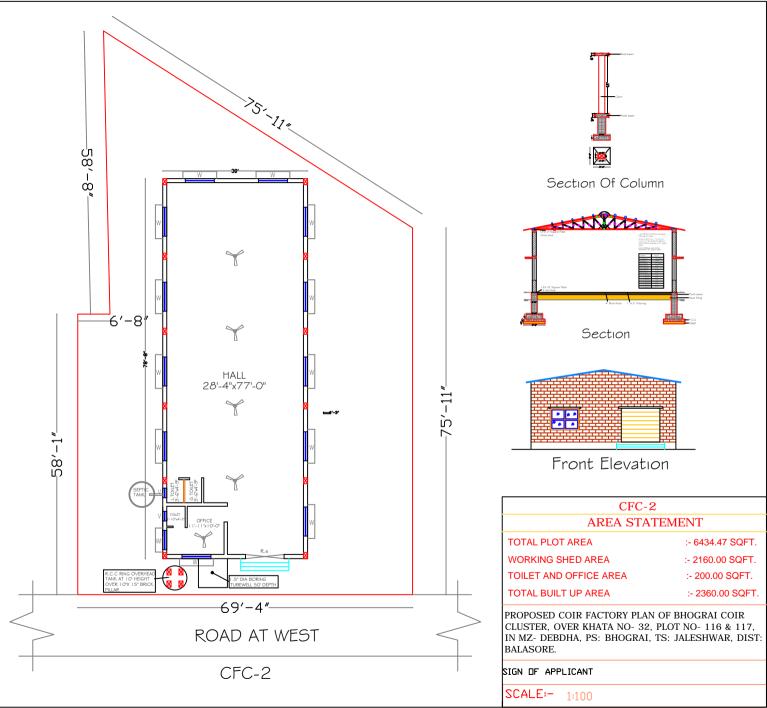
and smooth centering and shuttering for R.C.C. work including false works and dismentaling then after casting ,etc. complete.

und bit	footh centering and shuttering for Rick	c.	or is in	iciuu	mg ruise worr	is une	uismei	icum	, then arter cust	15 ,ete	. complete.
	Column Base	=	12	×	3'-6"	×	3'-6"	×	1'-0"	=	147.00 Cft.
	From Base to Plinth Beam	=	12	×	1'-3"	×	1'-8"	×	3'-6"	=	87.50 Cft.
	Plinth Beam	=	1	×	230'-8"	×	1'-3"	×	0'-9"	=	216.25 Cft.
0	VERHEAD TANK										
	Concrete ring for overhead tank (5')	=	0.8	×	2.74'-0"	×	1'-0"	×	5'-0"	=	10.96 Cft.
	Top and Bottom cover of overhead tank SEPTIC TANK	=	2	×	4'-4"	×	4'-4"	×	0'-2"	=	6.26 Cft.
	Concrete ring for septic tank	=	0.8	×	2.74'-0"	×	1'-0"	×	5'-0"	=	10.96 Cft.
	Top Cover for septic tank	=	1	×	4'-4"	×	4'-4"	×	0'-2"	=	3.13 Cft.
	1,366.01		-		0.00				Total	=	1,366.01 Cft.
=	38.69	C	um								
Cuttin	g, bending, binding and tying the grills	and	placi	ng in	position of st	eel re	inforce	ment.			
(a) C	olumn Base & Column upto plinth	=	2	234.50) Cft	@	3.00) Kg	/Cft	=	703.50 Kg
(b) Pl	inth Beam	=	2	216.25	5 Cft	@	1.50) Kg	/Cft	=	324.38 Kg
(C) Fo	or OH Tank and Septic Tank	=		31.31	l Cft	@	1.00) Kg	/Cft	=	31.31 Kg
									Total	=	1,059.19 Kg
=	10.60	Q	ntl.								

7 Brick Masonary in Foundation

					2201.01				01.01		200.22.65	
	Wall First Footing	=	1	×	230'-8"	×	1'-8"	×	0'-9"	=	288.33 Cft	
	Wall Second Footing OH Tank Pillar Foundation	=	1 4	× ×	230'-8" 1'-3"	×	1'-3" 0'-10"	×	1'-5" 10'-0"	=	408.47 Cft 41.67 Cft	
	OH Tank Pillar Foundation	=	4	×	1-5	×	0-10	x	Total	=	41.67 Cft 738.47 Cft	
	= 20.91	G	ım						Total	-	/36.47 Cit	•
8	Fly Ash Brick masonary in cm(1:6) in Supers			ork(25	cm X 12cm	1 X 80	em size)					
	Office oom10" wall	=	1	×	46'-10"	×	0'-10"	×	10'-0"	=	390.28 Cft	r
	Toilet 5" wall	=	1	×	16'-0"	×	0'-5"	x	8'-0"	=	53.33 Cft	
	Brick Pillar of OH Tank base	=	4	×	0'-10"	×		×	10'-0"	=	41.67 Cft	
									Total	=	485.28 Cft	
	= 13.74	Cu	ım									
9	12 mm thick cement Plaster (1:6) to ceiling in complete.	icludi	ing ra	acking o	out joints fi	nishiı	ng smoo	th with pro	per plumb a	nd lii	ne watering curing etc.	•
	Office room	=	1	×	44'-0"	×	10'-0"	=	440.00		Sft.	
	Toilet(Office)	=	2	×	28'-4"	×	2'-5"	=	256.00		Sft.	
	Toilet Common	=	2	×	28'-4"	×	2'-5"	=	272.00		Sft.	
							Total	=	968.00		Sft.	
	= 89.93		Įm.									
10	1.5". thick Concrete flooring with ceme etc. complete.	nt co	oncre	ete (1:2	2:4) includ	ling	punnin	g using 12	2mm size C	:.В. с	hips including at co	ost
	Within the floor	=	1	×	85'-4"	×	28'-4"	×	0'-1.5"	=	302.22 Cft	
	= 8.56	Cı	ım				Total	=			302.22 Cft	
11	Iron Works of the Truss with Seamless	Pipe	(In	cluding	g Labour (Cost	s and F	itting)				
	Total Struts for 6 Nos of Truss							Total	:	=	852.96 Kg	
	1. 76 mm dia 60'-8" i.e. 18.48 m @ 5.84k 34.2 Kg. Total weight of one truss is (107							13.10 m @	2.61Kg =			
	Purlin (80'-0" x 12'-0" = 960'-0" i.e. 292.38 m)				h 2.65mm .61kg/meter	r		Total	:	=	763.90 Kg	
	Tie Beam of 50mm Dia (80'x 3=240' i.e. 73.17 m)	2		m thick .27kg/n	ness with neter			Total	:	=	239.20 Kg	
	Pillar 12 Nos	1	13' H	eight ai	nd 6'' dia			Total	:	=	781.46 Kg	
	Base plate 12 Nos	12		'' square 12mm tl	e plate with bick			Total		=	78.00 Kg	
	Angle Section (40x40x5)			. 211111 (men			Total		_	5.00 Kg	
	Angle Section (40x40x5)							Total		=	2,715.52 Kg	
12	GI SHEET OVER ROOF-TOP							Total		-	2,715.52 Kg	,
	Gi sheet on two sides	=	2	×	17'-0"	×	87'-0"	=	2,958.00		Sft.	
	Ridge for Truss	=	2	×	3'-0"	×	87'-0"	=	522.00		Sft.	
					То	otal		=	3,480.00		Sft.	
	= 323.29	Sqn	1									

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ТООООЯ ВҮ АИ АUTODESK EDUCATIONAL PRODUCT

DETAILED ESTIMATE FOR PROPOSED COIR FACTORY OF BHOGRAI COIR CLUSTER, PLOT NO-116 & 117,KHATA NO: 32 IN MZ:DEBDHA,PS:BHOGARAI,TS: JALESHWAR , DIST:BALASORE,ODISHA.

CFC2 (2360 Sft), Working Shed(2160 Sft) & Tollet C um Office(200 Sft) With Peripherial wall, RCC colum n 12 Nos, Pipe truss 6 Nos, Height of the Ridge-14', Column Height-12'

1 Earth work in hard soil in exacavation of foundation trenches within 50 m. initial lead and 1.5 m.initial lift including all costs of labour materials

required for the work etc complete and as per direction of Engineer-in-charge.

	Center line length of wall	10"	=		214'-0"						
	Earth work Exavalation of Column	=	- 12	×	214-0 4'-6"	×	4'-6"	×	5'-0"	=	1,215.00 Cft.
	Earth work Exavalation of 10" wall	_	12	×	149'-4"	×	2'-6"	×	2'-6"	-	933.33 Cft.
	Earth work Exavalation of OH tank base	=	1	×	6'-0"	x	6'-0"	×	2'-6"	=	90.00 Cft.
	Earth work Exavalation for septic tank	_	1	×	6'-0"	×	6'-0"	×	5'-0"	-	180.00 Cft.
	Add 1 % for steps	=	1	×	1215.00	×	0.01	~	5-0	=	12.15 Cft.
	Add 1 % for steps	-		~	1215.00	~	0.01		Net	-	2,430.48 Cft.
	= 68.83	Cum	1						Net	-	2,450.40 Cit.
2	Filling in F&P with excavated materials including	well wate	red ar	ıd ram	med.(2/3 o	f respe	ective earth	1 work)			
	Filling sides of foundation	=	2/3 of	f the fo	undation tre	nch					
	2,430.48			Cft.				х	2/3of		1,620.32 Cft.
	= 45.89	Cum		0.11.					2,001		1,020102 0111
3	Filling F and P with sand, well watered an										
5	Below foundation of Column	=	12	×	4'-6"	×	4'-6"	×	0'-6"	=	121.50 Cft.
	Below Foundation of 10" wall	=	12	×	214'-0"	×	2'-6"	×	0'-6"	=	267.50 Cft.
	Filling pockets of room	-	1	^	214-0	^	2-0	^	0-0	-	207.50 Cit.
	Pockets of the building	=	1	×	77'-0"	×	28'-4"	×	1'-6"	=	3,272.50 Cft.
	r ockets of the building	-	1	^	77-0	^	20-4	^	Total	=	5,281.82 Cft.
	= 149.58	C							Total	-	5,201.02 Cit.
4		Cum		- 1 1 -				- 150/10	0 41.5-1		
4	Cement concrete (1:4:8) with 4 cm. Down grade	size crusi	ier br	океп п	aro granit	e meta	u laying i	n 150/10	omm thick ran	nming, com	pacting to proper
	thickness.,watering, curing.		10		41 611		41.61		01.61		101 50 50
	Below Foundation PCC of Column	=	12	×	4'-6"	×	4'-6"	×	0'-6"	=	121.50 Cft.
	Below foundation PCC of 10" wall	=	1	×	214'-0"	×	2'-6"	×	0'-4"	=	178.33 Cft.
	Below foundation PCC of OH Tank PCC of pockets of room	=	1	×	6'-0"	×	6'-0"	×	0'-4"	=	12.00 Cft.
	Pockets of the building	=	1	×	77'-0"	×	28'-4"	×	0'-4"	=	727.22 Cft.
	-								Total	=	1,039.05 Cft.
	= 29.43	Cum	1								
5	Brick Masonary in Foundation										
	Wall First Fasting	=	1	.,	214'-0"		1'-8"		0'-9"	_	267.50 Cft.
	Wall First Footing Wall Second Footing	=	1	× ×	214-0 214'-0"	× ×	1-8	× ×	1'-5"	=	207.50 Cft. 378.96 Cft.
	OH Tank Pillar Foundation	_	4	×	214-0 1'-3"	×	0'-10"	×	10'-0"	=	41.67 Cft.
		-	4	~	1-3	~	0-10	~	Total	=	646.46 Cft.
	= 18.31	Cı	ım						Total	-	040.40 Cit.
6	Brick work with K.B Bricks in cement mortar (1	:6) in sup	er sti	ucture	e having cr	ushing	g strength	not less t	than 75.00 kg/c	cm2 immerg	ging the bricks in
	water not less than six hours before use in masonal	ry.									
	Brick work of 10" wall	=	1	×	214'-0"	×	0'-10"	×	12'-0"	=	2,140.00 Cft.
	Brick work of triangular portion	=	1	×	30'-0"	×	2'-5"	×	0'-10"	=	60.42 Cft.
	DEDUCTIONS								TOTAL	=	2,200.42 Cft.
	DEDUCTIONS										
	(A) Rolling shutter	=	1	×	8'-0"	×	8'-0"	=	64.00	Sft.	
	(B) Windows	=	12	×	6'-0"	×	4'-6"	=	324.00	Sft.	
	(C) WindowsW1	=	1	×	4'-0"	×	4'-6"	=	18.00	Sft.	
	(D) Ventilators	=	2	×	2'-0"	×	2'-0"	=	8.00	Sft.	
							Total	=	388.00	Sft.	
	= 35	88.00		×	0'-10"			=	323 33	Cft	

	= 38.95	Cu	m								
		1,787.92	-		412.50				=	=	1,375.42 Cft.
Net b	rick work in superstructure =										
		Net deduction			323.33	+	89.17	=	412.50	Cft.	
	=	178.33 Sft.		×	0'-6"			=	89.17	Cft.	
							Total	=	178.33	Sft.	
. ,	Lintel for 10" Wall	=	1	×	214'-0"	×	0'-10"	=	178.33	Sft.	
(B)	Lintel	200100			0 10				020100	en.	
	=	388.00		×	0'-10"			=	323.33	Cft.	
							Total	=	388.00	Sft.	

7 Fly Ash Brick masonary in cm(1:6) in Superstructure work(25cm X 12cm X 8cm size)

	Office oom10" wall	=	1	×	46'-10"	×	0'-10"	×	10'-0"	=	390.28 Cft.
	Toilet 5" wall	=	1	×	16'-0"	×	0'-5"	×	8'-0"	=	53.33 Cft.
	Brick Pillar of OH Tank base	=	4	×	0'-10"	×	1'-3"	×	9'-0"	=	37.50 Cft.
									Total	=	481.11 Cft.
=	13.63	Cu	m								

Reinforced cement concrete (1:2:4) with 12 mm size black hard crusher broken granite chips including hosting and laying in position compacting to 8

proper design section but excluding cost of tor steel rod and labour charges for cutting, bending, binding & including Rigid and smooth centering and

shuttering for R.C.C. work including false works and dismentaling then after casting .etc. complete.

ing for K.C.C. work including false works an	u uisinei		then		15 ,etc	-				
Column Base	=	12	×	4'-0"	×	4'-0"	×	1'-0"	=	192.00 Cft.
Column below plinth level	=	12	×	1'-3"	×	1'-8"	×	3'-9"	=	93.75 Cft.
Plinth Beam	=	1	×	214'-0"	×	1'-0"	×	0'-9"	=	160.50 Cft.
SUPER-STRUCTURE										
Column above plinth level	=	12	×	1'-3"	×	1'-3"	×	11'-6"	=	215.63 Cft.
Tie Beamat top of the column	=	1	×	214'-0"	×	0'-10"	×	0'-6"	=	89.17 Cft.
OVERHEAD TANK										
Concrete Ring for Overhead tank(5')	=	0.79	×	2.74'-0"	×	1'-0"	×	5'-0"	=	10.75 Cft.
Top and bottom cover of overhead tank	=	2	×	4'-4"	×	4'-4"	×	0'-2"	=	6.26 Cft.
SEPTIC TANK										
Concrete Ring for Septic atnk(5')	=	0.79	×	2.74'-0"	×	1'-0"	×	5'-0"	=	10.75 Cft.
Top cover of septic tank	=	1	×	4'-4"	×	4'-4"	×	0'-2"	=	3.13 Cft.
CHAJJA										
Chajja(W)	=	16	×	7'-0"	×	1'-6"	×	0'-3"	=	42.00 Cft.
Chajja over RS	=	1	×	9'-0"	×	1'-2"	×	0'-4"	=	3.50 Cft.
LINTEL										
Lintel over Windows	=	12	×	7'-0"	×	0'-10"	×	0'-9"	=	52.50 Cft.
Lintel over RS	=	1	×	9'-0"	×	0'-10"	×	0'-9"	=	5.63 Cft.
								Total	=	885.57 Cft.
							Total		=	885.57 Cft

9 Cutting, bending, binding and tying the grills and placing in position of steel reinforcement.

Cum

25.08

(a)	Column Base	=	192.00 Cft	@	3.00 Kg /Cft	=	576.00 Kg
(b)	Column below plinth level	=	93.75 Cft	@	5.00 Kg /Cft	=	468.75 Kg
(C)	Plinth Beam	=	160.50 Cft	@	1.50 Kg /Cft	=	240.75 Kg
(d)	Column above plinth level	=	215.63 Cft	@	5.00 Kg /Cft	=	1,078.15 Kg
(a)	Tie Beamat top of the column	=	89.17 Cft	@	5.00 Kg /Cft	=	445.85 Kg
(b)	Concrete Ring for Overhead tank(5')	=	10.75 Cft	@	1.00 Kg /Cft	=	10.75 Kg
(C)	Top and bottom cover of overhead tank	=	6.26 Cft	@	1.00 Kg /Cft	=	6.26 Kg
(d)	Concrete Ring for Septic atnk(5')	=	10.75 Cft	@	1.00 Kg /Cft	=	10.75 Kg
(d)	Top cover of septic tank	=	3.13 Cft	@	1.00 Kg /Cft	=	3.13 Kg
(a)	Chajja(W)	=	42.00 Cft	@	1.00 Kg /Cft	=	42.00 Kg
(b)	Chajja over RS	=	3.50 Cft	@	0.50 Kg /Cft	=	1.75 Kg
(C)	Lintel over Windows	=	52.50 Cft	@	3.50 Kg /Cft	=	183.75 Kg
(C)	Lintel over RS	=	5.63 Cft	@	3.50 Kg /Cft	=	19.71 Kg

				Total	=	3,087.60 Kg
	=	30.90	Qntl.			
10	Rigid smooth center	ring shuttering for R.C.C.	work including all cost et	omplete (for 9.00 sqm.)		

	182.08	Sqm							,	
							Total	=	1,960.00	Sft
Lintel ove	er RS	=	1	×	9'-0"	×	1'-6"	=	13.50	Sft.
Lintel ove	er Windows	=	12	×	7'-0"	×	1'-6"	=	126.00	Sft.
Chajja ove	er RS	=	1	×	9'-0"	×	1'-2"	=	10.50	Sft.
Chajja(W))	=	16	×	7'-0"	×	1'-6"	=	168.00	Sft.
Tie Beam	at top of the column	=	1	×	214'-0"	×	1'-0"	=	214.00	Sft.
Column al	bove plinth level	=	12	×	5'-0"	×	11'-6"	=	690.00	Sft.
Plinth Bea	am	=	1	×	214'-0"	×	1'-6"	=	321.00	Sft.
Column t	pelow plinth level	=	12	×	5'-0"	×	3'-9"	=	225.00	Sft.
Column B	ase	=	12	×	16'-0"	×	1'-0"	=	192.00	Sft.

1.5". thick Concrete flooring with cement concrete (1:2:4) including punning using 12mm size C.B. chips including at cost etc.

complete.

=

=	7.89	Cum								
								Total	=	278.61 Cft.
	Flooring within the wall	= 1	×	78'-8"	×	28'-4"	×	0'-1.5"	=	278.61 Cft.

12 16 mm thick cement Plaster (1:6) over brick work including racking out joints finishing smooth with proper plumb and line watering curing for seven days.

Uneven Wall Plastering									
Outside Peripherial wall	=	1	×	217'-4"	×	12'-0"	=	2,608.00	Sft.
Outside Triangular Portion	=	1	×	30'-0"	×	2'-5"	=	72.50	Sft.
Deduction:						Total	=	2,680.50	Sft.
Rolling shutter	=	1	×	8'-0"	×	8'-0"	=	64.00	Sft.
Windows	=	12	×	6'-0"	×	4'-6"	=	324.00	Sft.
WindowsW1	=	1	×	4'-0"	×	4'-6"	=	18.00	Sft.
Ventilators	=	2	×	2'-0"	×	2'-0"	=	8.00	Sft.
								414.00	Sft.
						Net	=	2,266.50	Sft.
210.56	sqm								

13 12 mm thick cement Plaster (1:6) to ceiling including racking out joints finishing smooth with proper plumb and line watering curing etc. complete.

											~ ~
	Inside Wall		=	1	×	196'-8"	×	12'-0"	=	2,360.00	Sft.
	Triangular Portic	n	=	1	×	28'-4"	×	2'-5"	=	68.47	Sft.
								Total	=	2,360.00	Sft.
	Deduction:							Total	=	2,428.47	Sft.
	Rolling shutter		=	1	×	8'-0"	×	8'-0"	=	64.00	Sft.
	Windows		=	12	×	6'-0"	×	4'-6"	=	324.00	Sft.
							Ne	t Deduction			
									=	388.00	
								Total	=	2,040.47	Sft
	=	189.56	5	ligm.							
14	Cement painting two	coats over a coat o	of White Cer	ment	wash e	tc comple	ete.				
						T.					

16 mm pla	aster area(1:6)			=	2,266.50	Sft.
12 mm pla	aster area (1:6)		Total	= =	2,040.47 4,306.97	Sft. Sft.
=	400.12	Sqm				

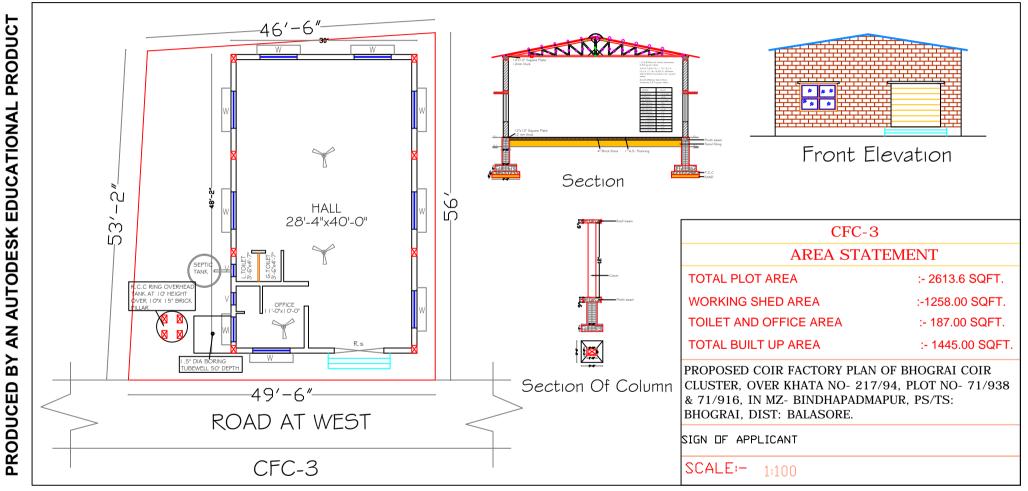
15 Iron Works of the Truss with Seamless Pipe

 Total Struts for 6 Nos of Truss
 Total
 =
 852.96 Kg

 1. 76 mm dia 60'-8'' i.e. 18.48 m @ 5.84kg/m = 107.96 Kg. 2. 42mm dia 43'-0'' i.e. 13.10 m @ 2.61Kg = 34.2 Kg. Total weight of
 852.96 Kg

one truss is (107.96 + 34.2) x 6 nos of truss = 852.96 Kg

	Purlin (80'-	0" x 12'-0" = 960'-0" i.e. 292.38 m)	-			th 2.65mn 2.61kg/me	-		Total	=		763.90 Kg
	Tie Beam of	50mm Dia (80'x 3=240' i.e. 73.17 m)			nm thicl 3.27kg/i	kness with meter			Total	=		239.20 Kg
16	GI SHEET OV	ER ROOF-TOP							Total	=		1,856.06 Kg
	Gi sheet	on two sides	=	2	×	17'-0"	×	78'-8"	=	2,674.67	Sft.	
	Gi sheet	on two sides	=	2	×	3'-0"	×	78'-8"	=	472.00	Sft. Sft.	
							Total		=	3,146.67		
	=	292.33	Sqm									



DETAILED ESTIMATE FOR PROPOSED COIR FACTORY OF BHOGRAI COIR CLUSTER, PLOT NO-71/916, KHATA NO: 217/78 IN MZ:BINDHAPADMAPUR, PS/TS: BHOGARAI, DIST: BALASORE, ODISHA.

CFC3 (1445 Sft), Working Shed(1258 Sft) & Toilet Qum Office(187 Sft) With Peripherial wall, RCC column 8 Nos, Pipe truss 6 Nos, Height of the Ridge-14', Column Height-12'

1 Earth work in hard soil in exacavation of foundation trenches within 50 m. initial lead and 1.5 m.initial lift including all costs of labour materials

required for the work etc complete and as per direction of Engineer-in-charge.

			-		_							
	Center line length of wall	10"	=		153'-0"							
	Earth work Exavalation of Column	=	8	×	4'-6"	×	4'-6"	×	5'-0"	=		810.00 Cft.
	Earth work Exavalation of 10" wall	=	1	×	107'-4"	×	2'-6"	×	2'-6"	=		670.83 Cft.
	Earth work Exavalation of OH tank base	=	1	×	6'-0"	×	6'-0"	×	2'-6"	=		90.00 Cft.
	Earth work Exavalation for septic tank	=	1	×	6'-0"	×	6'-0"	×	5'-0"	=		180.00 Cft.
	Add 1 % for steps	=		×	810.00	×	0.01			=		8.10 Cft.
									Net	=		1,758.93 Cft.
	= 49.81	Cu	m									
2	Filling in F&P with excavated materials including	well w	atereo	and	rammed.(2/	3 of re	spective ea	rth work	:)			
	Filling sides of foundation	=	2/3 o	f the f	oundation tre	ench						
	1,758.93			Cft.				х	2/3of			1,172.62 Cft.
	= 33.21	Cu	m									
3	Filling F and P with sand, well watered and ra	mmed	i									
	Below foundation of Column	=	8	×	4'-6"	×	4'-6"	×	0'-6"	=		81.00 Cft.
	Below Foundation of 10" wall	=	1	×	153'-0"	×	2'-6"	×	0'-6"	=		191.25 Cft.
	Filling pockets of room						2 01 (11		41.60			1.05/ 05 00
	Pockets of the building	=	1	×	46'-6"	×	28'-4"	×	1'-6"	=		1,976.25 Cft.
		~							Total	=		3,421.12 Cft.
	= 96.89	Cu		_								
4	Cement concrete (1:4:8) with 4 cm. Down grade si	ze cru	sher	broke	n hard grar	nite me	etal layin	g in 150/	100mm thick	ram	ming, c	compacting to proper
	thickness.,watering, curing.											
	Below Foundation PCC of Column	=	8	×	4'-6"	×	4'-6"	×	0'-6"	=		81.00 Cft.
	Below foundation PCC of 10" wall Below foundation PCC of OH Tank	=	1	× ×	153'-0" 6'-0"	× ×	2'-6" 6'-0"	× ×	0'-4" 0'-4"	=		127.50 Cft. 12.00 Cft.
	PCC of pockets of room	-	1	~	0-0	~	0-0	~	0-4	=		12.00 Cit.
	Pockets of the building	=	1	×	46'-6"	×	28'-4"	×	0'-4"	=		439.17 Cft.
	r ockets of the building			~	10 0	~	20 1	~	Total	_		659.67 Cft.
	= 18.68	Cu	m									
5	Brick Masonary in Foundation	- Cu										
	-				1.521.01		11.0"		01.01			101.05.00
	Wall First Footing Wall Second Footing	=	1 1	× ×	153'-0" 153'-0"	× ×	1'-8" 1'-3"	× ×	0'-9" 1'-5"	=		191.25 Cft. 270.94 Cft.
	OH Tank Pillar Foundation	=	4	×	133=0	×	0'-10"	×	10'-0"	=		41.67 Cft.
		-	4	^	1-5	^	0-10	^	Total	_		503.86 Cft.
	= 14.27	С	um						1000			202100 011
6	Brick work with K.B Bricks in cement mortar (1:0	6) in s	uper	struct	ure having	crushi	ing streng	th not le	s than 75.00	kg/c	m2 imr	nerging the bricks in
	water not less than six hours before use in masonary						0			0		
	Brick work of 10" wall	=	1	×	153'-0"	×	0'-10"	×	10'-6"	=		1,338.75 Cft.
	Brick work of triangular portion	=	1	×	30'-0"	×	0'-10"	×	3'-3"	=		81.25 Cft.
									TOTAL	=		1,338.75 Cft.
	DEDUCTIONS											,
	Rolling shutter	=	1	×	8'-0"	×	8'-0"	=	64.00		Sft.	
	Windows	=	8	×	6'-0"	×	4'-6"	=	216.00		Sft.	
	WindowsW1	=	1	×	4'-0"	×	4'-6"	=	18.00		Sft.	
	Ventilators	=	2	×	2'-0"	×	2'-0"	=	8.00		Sft.	
	= 280.0	0			0'-10"		Total	=	280.00 233.33		Sft. Cft.	
	= 280.0 (B) Lintel	0		×	0-10			=	255.55		CII.	
	Continious Lintel of 10" wall	=	1	×	153'-0"	×	0'-10"	×	0'-6"	=		63.75 Cft.
	Continious Enter of 10 wan	-	1	^	155-0	^	Total	_	63.75	-	Sft.	05.75 Cit.
	= 63.7	5 Sft.		×	0'-4"			=	21.25		Cft.	
	Net deduction				233.33	+	21.25	=	254.58		Cft.	
	Net brick work in superstructure =											
	1,338.7	5	-		254.58							1,084.17 Cft.
	= 30.70	C	um									
7	Fly Ash Brick masonary in cm(1:6) in Superstructu	re wo	rk(25	cm X	12cm X 8cn	n size)						
	Office oom10" wall	=	1	×	46'-10"	×	0'-10"	×	10'-0"	=		390.28 Cft.
	Toilet 5" wall	=	1	×	16'-0"	×	0'-5"	×	8'-0"	=		53.33 Cft.
	Brick Pillar of OH Tank base	=	4	×	0'-10"	×	1'-3"	×	10'-0"	=		41.67 Cft.
									Total	=		485.28 Cft.
	= 13.74	С	um									

8 Reinforced cement concrete (1:2:4) with 12 mm size black hard crusher broken granite chips including hosting and laying in position compacting to

proper design section but excluding cost of tor steel rod and labour charges for cutting, bending, binding & including Rigid and smooth centering

and shuttering for R.C.C. work including false w	orks and	dism	entalin	g then afte	r cast	ing ,etc. co	mplete			
Column Base	=	8	×	4'-0"	×	4'-0"	×	1'-0"	=	128.00 Cft.
Column below plinth level	=	8	×	1'-3"	×	1'-8"	×	3'-9"	=	62.50 Cft.
Plinth Beam	=	1	×	153'-0"	×	1'-0"	×	0'-9"	=	114.75 Cft.
SUPER-STRUCTURE										
Column above plinth level Tie Beamat top of the column	=	8 1	× ×	1'-3" 153'-0"	× ×	1'-3" 0'-10"	× ×	11'-6" 0'-6"	=	143.75 Cft. 63.75 Cft.
OVERHEAD TANK	-	1	~	155-0	~	0-10	~	0-0	-	05.75 Cit.
Concrete Ring for Overhead tank(5')	=	0.79	×	2.74'-0"	×	1'-0"	×	5'-0"	=	10.75 Cft.
Top and bottom cover of overhead tank	=	2	×	4'-4"	×	4'-4"	×	0'-2"	=	6.26 Cft.
SEPTIC TANK										
Concrete Ring for Septic atnk(5')	=	0.79	×	2.74'-0"	×	1'-0"	×	5'-0"	=	10.75 Cft.
Top cover of septic tank	=	1	×	4'-4"	×	4'-4"	×	0'-2"	=	3.13 Cft.
CHAJJA Choiin(W)	=	8	~	7'-0"	~	1'-6"	~	0'-3"	=	21.00 Cft.
Chajja(W) Chajja over RS	=	0	× ×	9'-0"	× ×	1'-0"	× ×	0'-4"	=	3.50 Cft.
LINTEL	_		~	, ,	~	1 2	~	0 1	_	5.50 eft.
Lintel over Windows	=	8	×	7'-0"	×	0'-10"	×	0'-9"	=	35.00 Cft.
Lintel over RS	=	1	×	9'-0"	×	0'-10"	×	0'-9"	=	5.63 Cft.
17.04	0							Total	=	608.77 Cft.
= 17.24		um		of steel not						
Cutting, bending, binding and tying the grills an	-	•						194		204.00.11
(a) Column Base(b) Column below plinth level	=		128.00 62.50		@ @		0 Kg 0 Kg	/Cft /Cft	=	384.00 Kg
(c) Plinth Beam	=		02.30 114.75		@		10 Kg	/Cft	=	312.50 Kg 573.75 Kg
(d) Column above plinth level	=		143.75		@		0 Kg	/Cft	=	718.75 Kg
(e) Tie Beamat top of the column	=		63.75		@		0 Kg	/Cft	=	318.75 Kg
(f) Concrete Ring for Overhead tank(5')	=		10.75	Cft	@		0 Kg	/Cft	=	10.75 Kg
(g) Top and bottom cover of overhead tank	=		63.75	Cft	@	1.0	00 Kg	/Cft	=	63.75 Kg
(h) Concrete Ring for Septic atnk(5')	=		10.		@		00 Kg	/Cft	=	63.75 Kg
(i) Top cover of septic tank	=		3.13		@		0 Kg	/Cft	=	3.13 Kg
(j) Chajja(W)(k) Chajja over RS	=		21.00 3.50		@ @		0 Kg 0 Kg	/Cft /Cft	=	10.50 Kg 1.75 Kg
(I) Lintel over Windows	=		35.00		@		60 Kg	/Cft	=	122.50 Kg
			5.63		@		0 Kg		=	19.71 Kg
(m) Lintel over RS	=		5.05	Cit						
	=		5.05	en	e	010	8	Total	=	2,603.59 Kg
= 26.00	Q	ntl.					-		=	2,603.59 Kg
= 26.00 Rigid smooth centering shuttering for R.C.C. wo	Q rk includ	ling al	ll cost e	etc. comple	te (for	9.00 sqm.))	Total		-
 = 26.00 Rigid smooth centering shuttering for R.C.C. woo Column Base 	Q rk includ =	ling al 8	ll cost e ×	e tc. comple 16'-0"	te (for ×	9.00 sqm.) 1'-0"	=	Total 128.00	Sft	
 = 26.00 Rigid smooth centering shuttering for R.C.C. wor Column Base Column Base 	Q rk includ	ling al	ll cost e	e tc. comple 16'-0" 16'-0"	te (for	9.00 sqm.))	Total		- - -
 = 26.00 Rigid smooth centering shuttering for R.C.C. woo Column Base 	Q rk includ = =	l ing a l 8 1	ll cost e × ×	e tc. comple 16'-0"	te (for × ×	9.00 sqm.) 1'-0" 1'-0"	=	Total 128.00 16.00	Sft Sft	- - -
 = 26.00 Rigid smooth centering shuttering for R.C.C. wor Column Base Column Base Column below plinth level 	Q rk includ = = =	ling al 8 1 12	ll cost e × × ×	etc. comple 16'-0" 16'-0" 5'-0"	te (for × × ×	9.00 sqm.) 1'-0" 1'-0" 3'-9"	=	Total 128.00 16.00 225.00	Sft Sft Sft	- - -
 = 26.00 Rigid smooth centering shuttering for R.C.C. wor Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column 	Q = = = = =	ling al 8 1 12 1 8 1	ll cost e × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 5'-0" 153'-0"	te (for × × × ×	9.00 sqm.) 1'-0" 1'-0" 3'-9" 1'-6" 11'-6" 1'-0"	= = =	Total 128.00 16.00 225.00 229.50 460.00 153.00	Sft Sft Sft Sft Sft	- - - -
 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja(W) 	Q = = = = = = =	ling al 8 1 12 1 8 1 8	ll cost e × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 5'-0" 153'-0" 7'-0"	te (for × × × × × × ×	9.00 sqm.) 1'-0" 3'-9" 1'-6" 11'-6" 1'-0" 1'-6"	= = = =	Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00	Sft Sft Sft Sft Sft Sft	-
 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja(W) Chajja over RS 	Q = = = = = = = = =	ling al 8 1 12 1 8 1 8 1 8 1	ll cost e × × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 5'-0" 153'-0" 7'-0" 9'-0"	te (for × × × × × × × × ×	9.00 sqm.) 1'-0" 3'-9" 1'-6" 11'-6" 1'-0" 1'-6" 1'-2"		Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50	Sft Sft Sft Sft Sft Sft Sft	-
 = 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja (W) Chajja over RS Lintel over Windows 	Q = = = = = = = = = = =	ling al 8 1 12 1 8 1 8 1 8 1 8	ll cost e × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 5'-0" 153'-0" 7'-0" 9'-0"	te (for × × × × × × × × × ×	9.00 sqm.) 1'-0" 3'-9" 1'-6" 11'-6" 1'-0" 1'-6" 1'-2" 1'-6"		Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50 84.00	Sft Sft Sft Sft Sft Sft Sft Sft	-
 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja(W) Chajja over RS 	Q = = = = = = = = =	ling al 8 1 12 1 8 1 8 1 8 1	ll cost e × × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 5'-0" 153'-0" 7'-0" 9'-0"	te (for × × × × × × × × ×	9.00 sqm.) 1'-0" 3'-9" 1'-6" 11'-6" 1'-0" 1'-6" 1'-2"		Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50	Sft Sft Sft Sft Sft Sft Sft	-
 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja(W) Chajja over RS Lintel over Windows Lintel over RS 	Q rk includ = = = = = = = = = =	ling al 8 1 12 1 8 1 8 1 8 1 8 1	ll cost e × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 5'-0" 153'-0" 7'-0" 9'-0"	te (for × × × × × × × × × ×	9.00 sqm.) 1'-0" 3'-9" 1'-6" 11'-6" 1'-0" 1'-6" 1'-2" 1'-6"		Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50 84.00	Sft Sft Sft Sft Sft Sft Sft Sft	
 = 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja (W) Chajja over RS Lintel over Windows 	Q = = = = = = = = = = =	ling al 8 1 12 1 8 1 8 1 8 1 8 1	ll cost e × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 5'-0" 153'-0" 7'-0" 9'-0"	te (for × × × × × × × × × ×	9.00 sqm.) 1'-0" 3'-9" 1'-6" 11'-6" 1'-0" 1'-6" 1'-6" 1'-6" 1'-6"		Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50 84.00 13.50	Sft Sft Sft Sft Sft Sft Sft Sft	
 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja over RS Lintel over Windows Lintel over RS 	Q = = = = = = = = Sqr	ling al 8 1 12 1 8 1 8 1 8 1 8	ll cost e × × × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 7'-0" 9'-0" 9'-0"	te (for × × × × × × × × × × × × ×	9.00 sqm.) 1'-0" 1'-0" 3'-9" 1'-6" 1'-6" 1'-6" 1'-6" 1'-6" Total		Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50 84.00 13.50 1,403.50	Sft Sft Sft Sft Sft Sft Sft Sft Sft	-
 = 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja over RS Lintel over Windows Lintel over RS = 130.39 1.5". thick Concrete flooring with cement 	Q = = = = = = = = Sqr	ling al 8 1 12 1 8 1 8 1 8 1 8	ll cost e × × × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 7'-0" 9'-0" 9'-0"	te (for × × × × × × × × × × × × ×	9.00 sqm.) 1'-0" 1'-0" 3'-9" 1'-6" 1'-6" 1'-6" 1'-6" 1'-6" Total		Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50 84.00 13.50 1,403.50	Sft Sft Sft Sft Sft Sft Sft Sft Sft	-
 = 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja(W) Chajja (ver RS Lintel over RS Lintel over RS = 130.39 1.5". thick Concrete flooring with cement complete. 	Q = = = = = = = = Sqr concre	ling al 8 1 12 1 8 1 1 8 1 1 8 1 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1	ll cost e × × × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 7'-0" 9'-0" 9'-0" 9'-0" encluding	te (for × × × × × × × × × × × × × ×	9.00 sqm.) 1'-0" 1'-0" 3'-9" 1'-6" 1'-6" 1'-0" 1'-6" 1'-6" 1'-6" Total hing using	= = = = = = = = = = = = = = = = = = =	Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50 84.00 13.50 1,403.50 m size C.B. cl	Sft Sft Sft Sft Sft Sft Sft Sft Sft	luding at cost etc.
 = 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja over RS Lintel over Windows Lintel over RS = 130.39 1.5". thick Concrete flooring with cement 	Q = = = = = = = = Sqr	ling al 8 1 12 1 8 1 8 1 8 1 8	ll cost e × × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 7'-0" 9'-0" 9'-0"	te (for × × × × × × × × × × × × ×	9.00 sqm.) 1'-0" 1'-0" 3'-9" 1'-6" 1'-6" 1'-6" 1'-6" 1'-6" Total		Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50 84.00 13.50 1,403.50 m size C.B. cl 0'-1.5"	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	luding at cost etc.
 2 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja(W) Chajja over RS Lintel over RS = 130.39 1.5". thick Concrete flooring with cement complete. Flooring within the hall 	Q = = = = = = = = Sqr concre	ling al 8 1 12 1 8 1 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1	ll cost e × × × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 7'-0" 9'-0" 9'-0" 9'-0" encluding	te (for × × × × × × × × × × × × × ×	9.00 sqm.) 1'-0" 1'-0" 3'-9" 1'-6" 1'-6" 1'-0" 1'-6" 1'-6" 1'-6" Total hing using	= = = = = = = = = = = = = = = = = = =	Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50 84.00 13.50 1,403.50 m size C.B. cl	Sft Sft Sft Sft Sft Sft Sft Sft Sft	luding at cost etc.
 = 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja (W) Chajja over RS Lintel over Windows Lintel over Windows Lintel over RS = 130.39 1.5". thick Concrete flooring with cement complete. Flooring within the hall 	Q rk includ = = = = = = = Sqr concre	ling al 8 1 12 1 8 1 8 1 8 1 n te (1 1 um	ll cost e × × × × × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 7'-0" 9'-0" 9'-0" 9'-0" including 46'-6"	te (for × × × × × × × × × × × ×	9.00 sqm.) 1'-0" 1'-0" 3'.9" 1'-6" 1'-6" 1'-6" 1'-6" Total hing using 28'-4"	= = = = = = = = = = = = = = = = = = =	Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50 84.00 13.50 1,403.50 m size C.B. cl 0'-1.5" Total	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	luding at cost etc. 164.69 Cft. 164.69 Cft.
 = 26.00 Rigid smooth centering shuttering for R.C.C. work Column Base Column Base Column below plinth level Plinth Beam Column above plinth level Tie Beamat top of the column Chajja(W) Chajja over RS Lintel over RS = 130.39 1.5". thick Concrete flooring with cement complete. Flooring within the hall = 4.66 	Q rk includ = = = = = = = Sqr concre	ling al 8 1 12 1 8 1 8 1 8 1 n te (1 1 um	ll cost e × × × × × × × × × × × × ×	etc. comple 16'-0" 16'-0" 5'-0" 153'-0" 7'-0" 9'-0" 9'-0" 9'-0" including 46'-6"	te (for × × × × × × × × × × × ×	9.00 sqm.) 1'-0" 1'-0" 3'.9" 1'-6" 1'-6" 1'-6" 1'-6" Total hing using 28'-4"	= = = = = = = = = = = = = = = = = = =	Total 128.00 16.00 225.00 229.50 460.00 153.00 84.00 10.50 84.00 13.50 1,403.50 m size C.B. cl 0'-1.5" Total	Sft Sft Sft Sft Sft Sft Sft Sft Sft Sft	luding at cost etc. 164.69 Cft. 164.69 Cft.
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9

10

11

12

					306.00	Sft.	
			Net	=	1,236.50	Sft.	
=	114.87	sqm					

13 12 mm thick cement Plaster (1:6) over brick work including racking out joints finishing smooth with proper plumb and line watering curing ,etc complete. Even Wall Plaster

Inside Wall		=	1	×	28'-4"	×	46'-6"	=	1,317.50	Sft.
							Total	=	1,317.50	Sft.
Deduction:										
Rolling shutter		=	1	×	8'-0"	×	8'-0"	=	64.00	Sft.
Windows		=	8	×	6'-0"	×	4'-6"	=	216.00	Sft.
									280.00	Sft.
							Net	=	1,037.50	Sft.
=	96.38	sqm								
mont nainting t	vo coats over a co	at of White (1.0000.0		h ata aa	mula	to.			

16 mm pl	aster area(1:6)			=	1,236.50	Sft.
12 mm pl	aster area (1:6)			=	1,037.50	Sft.
			Total	=	2,274.00	Sft.
=	211.25	Sqm				

15 Iron Works of the Truss with Seamless Pipe

Total Struts for 6 Nos of Truss 852.96 Kg Total = 1. 76 mm dia 60'-8" i.e. 18.48 m @ 5.84kg/m = 107.96 Kg. 2. 42mm dia 43'-0" i.e. 13.10 m @ 2.61Kg = 34.2 Kg. Total weight of one truss is (107.96 + 34.2) x 6 nos of truss = 852.96 Kg

	Purlin (80'-0" x 12	2'-0" = 960'-0" i.e. 292.38 m)				2.65mm 61kg/mete	r		Total	=		763.90 Kg
	Tie Beam of 50mm Di	a (80'x 3=240' i.e. 73.17 m)	2		thickn 27kg/m	ess with eter			Total Total	=		239.20 Kg 1,856.06 Kg
16	GI SHEET OVER R Gi sheet on two side		=	2	×	17'-0"	×	48'-2"	=	1,637.67	Sft.	1,050.00 Kg
	Ridge for Truss		=	2	×	3'-0"	× Total	48'-2"	=	289.00 1.926.67	Sft. Sft.	
	=	178.99	Sqn	1			10141		-	1,720.07		

ANNEXURE – II

PART-I

Date:_____

From,

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

To,

The Managing Director, M/s.Orissa Cooperative Coir Corporation Ltd, DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha - 751010

Sir,

Sub: Tender for the construction of Industrial Work shed buildings and amenities for Bhograi Coir Cluster, Balasore (Package Number: ____) - Submission of Part I - Reg

Ref: Your Tender Notice Dt.

With reference to your tender notice, we submit herewith our sealed Tender for the construction of Industrial Work shed buildings and amenities for Bhograi Coir Cluster, Balasore, as specified by IA in this tender document.

We enclose the following documents:

- 1) Tender conditions duly signed in each page and enclosed in token of accepting the Tender conditions
- Demand Draft no. _____for Rs. ____/- (Rupees ______only), in favour of "Orissa cooperative coir corporation Ltd", Drawn on ______ Bank payable at Balasore, towards Earnest Money Deposit.
- 3) Authorization letter from the Company for the person to sign the tender.
- 4) Details of the Tenderer (as per Annexure-III)
- 5) Average annual turnover statement duly certified by a Chartered Accountant (as per Annexure-IV).
- 6) List of Building 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 www.coirboard.gov.in or www.itcot.com or www.bhograicoircluster.com (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 Udyog Aadhaar, GST Registration Certificate & PAN Card
- 13) Valid Registration Certificate from PWD / CPWD / Highways department
- 14) Work Orders issued by the clients.
- 15) Performance certificate issued by the clients.
- 16) The Annual Report / certified copies of Balance Sheet, Profit & Loss statement along with schedules for the last 3 consecutive financial years FY 2016-17, 2017-18 and 2018-19 or 2017-18, 2018-19 and 2019-20
- 17) Latest I.T return.
- 18) Notarized translated English version of the documents in a language other than English/Odia, if any.

Yours faithfully,

SIGNATURE OF THE TENDERER

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.	PAN Number	
10	. GST Registration Number	

DETAILS OF THE TENDERER

ANNUAL TURN OVER STATEMENT

The Annual turnover of M/s for the past three years (either Sl.No.1,2 & 3, or Sl.No.2,3 &4) are given below and certified that the statement is true and correct.

S.no	Year	Turnover (Rs. in lakh)
1	2016-2017	
2	2017-2018	
3	2018-2019	
4	2019-2020	
	Total	
Avera	ge annual turnover	
0	f latest 3 years	

DATE :

SIGNATURE OF THE TENDERER

SIGNATURE OF CHARTERED ACCOUNTANT (with seal and Address)

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.						

ANNEXURE - VI

CERTIFICATE

Date: _____

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

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 the construction of Industrial Work shed buildings and amenities for Bhograi Coir Cluster and will complete the contract as per the tender conditions.

b) I/We have downloaded the tender document from the internet site **www.coirboard.gov.in** or **www.itcot.com** or **www.bhograicoircluster.com** and 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.Orissa cooperative coir corporation Ltd. or prosecuted.

ANNEXURE - VIII

PART-II

From,

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

To,

The Managing Director, M/s.Orissa Cooperative Coir Corporation Ltd, DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha - 751010

Sir,

Sub: Tender for the construction of Industrial Work shed buildings and amenities for Bhograi Coir Cluster, Balasore (Package Number: _____) - Submission of Part II - Price Offer-Reg.

Ref:- Our tender (Technical Bid) submitted for the "Construction of Industrial Work shed buildings and amenities for Bhograi Coir Cluster, Balasore"

In continuation of our above tender, we submit herewith the price offer for the "Industrial Work shed buildings and amenities for Bhograi Coir Cluster" as specified by IA in this tender document.

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

Yours faithfully,

SIGNATURE OF THE TENDERER

ANNEXURE - IX

PRICE BID FOR PACKAGE I

(Bidders to bid for the respective package)

					(Amount in Rs.)
Description	Basic	SGST	CGST	IGST	Total Price
Description	Amount	5051	CODI		including taxes
Construction of work shed building					
and amenities for the Common					
Facility Centre I of Bhograi Coir					
Cluster as per drawing and BoQ of					
Package I given in Annexure I					
Gra					

Amount in Words: Rupees______ only

Note:

- a) The Bidder shall quote the Lump sum costs in the above given format.
- b) The lump sum offer shall provide for all superintendence, labour, technical assistance, material, plant, equipment and all other things required for executing and completing all the works as per defined Scope of Work.

PRICE BID FOR PACKAGE II

(Bidders to bid for the respective package)

					(Amount in Rs.)
Description	Basic Amount	SGST	CGST	IGST	Total Price including taxes
Construction of work shed building and amenities for the Common					
Facility Centre II of Bhograi Coir					
Cluster as per drawing and BoQ of					
Package II given in Annexure I					
Gra					

Amount in Words: Rupees______ only

Note:

- a) The Bidder shall quote the Lump sum costs in the above given format.
- b) The lump sum offer shall provide for all superintendence, labour, technical assistance, material, plant, equipment and all other things required for executing and completing all the works as per defined Scope of Work.

PRICE BID FOR PACKAGE III

(Bidders to bid for the respective package)

					(Amount in Rs.)
Description	Basic	SGST	CGST	IGST	Total Price
Description	Amount Amount COS		CUSI	1051	including taxes
Construction of work shed building					
and amenities for the Common					
Facility Centre III of Bhograi Coir					
Cluster as per drawing and BoQ of					
Package III given in Annexure I					
Gra					

Amount in Words: Rupees______ only

Note:

- a) The Bidder shall quote the Lump sum costs in the above given format.
- b) The lump sum offer shall provide for all superintendence, labour, technical assistance, material, plant, equipment and all other things required for executing and completing all the works as per defined Scope of Work.

CHECKLIST OF DOCUMENTS

Documents to be enclosed in Part-I:

1. A covering letter on your letter head addressed to the Managing Director, M/s.Orissa Cooperative Coir Corporation Ltd, DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha - 751010 (as per Annexure-II) 2. 2. Tender conditions duly signed in each page and enclosed in token of accepting the Tender conditions 3. Demand Draft for Rs/- (Rupees	S.No	Checklist	Enclosed (Yes/No)	Reference in the Bid (Page No.)
M/s.Orissa Cooperative Coir Corporation Ltd, DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha - 751010 (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 "Orissa cooperative coir corporation Ltd", payable at Balasore, 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 construction works executed in last 3 years as per (Annexure-V) Beclaration 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 (Annexure-VII). 10. The copy of certificate of incorpora	1.	A covering letter on your letter head		
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	13.	Copy of Udyog Aadhaar, GST		
Registration Certificate & PAN Card		Registration Certificate & PAN Card		
14. Valid Registration Certificate from	14.	Valid Registration Certificate from		
PWD / CPWD / Highways department				

S.No	Checklist	Enclosed (Yes/No)	Reference in the Bid (Page No.)
15.	Work Orders issued by the clients		
16.	Performance certificate issued by the		
	clients		
17.	The Annual Report / certified copies of		
	Balance Sheet, Profit & Loss statement		
	along with schedules for the last 3		
	consecutive financial years FY 2016-		
	17, 2017-18 and 2018-19 or 2017-18,		
	2018-19 and 2019-20		
18.	Latest I.T return		
19.	Notarized translated English version of		
	the documents in a language other than		
	English/Odia, if any		

Documents to be enclosed in Part-II

S.No	Checklist	Enclosed (Yes/No)
1.	A covering letter on your letter head	
	addressed to the Managing Director,	
	M/s.Orissa Cooperative Coir	
	Corporation Ltd, DIC Campus,	
	Rasulgarh Industrial Estate,	
	Bhubaneswar, District Khordha, Odisha	
	- 751010 (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 "Tender for the construction of Work shed buildings and amenities for Bhograi Coir Cluster, Balasore (Package No:____)" and addressed to "M/s.Orissa cooperative coir corporation Ltd., DIC Campus, Rasulgarh Industrial Estate, Bhubaneswar, District Khordha, Odisha – 751010", containing the name and address of the Tenderer.

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