



GOVERNMENT OF JHARKHAND
Agriculture, Animal Husbandry & Co-operative Department
(Co-Operative Division)

**Jharkhand State Minor Forest Produce Cooperative Development
and Marketing Federation Ltd.**
(JHAMFCOFED)

4th Floor, Pashupalan-Sahkarita Bhawan, Hatia, Ranchi- 834003, Jharkhand
Email I.D.:- mdjhamfcofed@gmail.com Web Site: - www.jhamfcofed.com

**TENDER REGARDING CONSTRUCTION OF INFRASTRUCTURE FOR
PROCESSING/OFFICE/GODOWN FOR SAL LEAF PLATE & CUP MAKING UNIT**

The **Managing Director, JHAMFCOFED**, Ranchi hereby invites Technical and financial Bids through tender from eligible contractor, firm, organization or their authorized entity (having authorization in the format given in the bidding document) for Construction of infrastructure for Processing/Office/Godown and related services.

The Blank tender documents with detailed terms & conditions can be downloaded from web site <http://jhamfcofed.com> or can be collected from Office and should be submitted through offline only.

Sl. No.	Particulars	Details
1	Name of Work	Construction of (Five) Infrastructure regarding Processing/Office/Godown for Sal Leaf Plate & Cup Making Unit in different locations of Jharkhand.
2	Time of Completion	Within 90 days after issue of work order
3	Date of Publication of Tender on website	13.10.2023
4	Pre-Bid Meeting Date/Time	18.10.2023 at 3.00 PM
5	Last Date for submission of bids	Till 5:00 PM 31.10.2023
6	Application fee (Non-refundable)	5000.00 (Five thousand only)
7	EMD	Rs. 50,000/- (Fifty Thousand Only)
8	Contact no. of official person	7004790869

Note: The above dates may change due to declaration of holidays

JHAMFCOFED Ranchi reserves the right to amend or withdraw any of the terms and conditions contained in the Tender Document including quantity/amount of items to be constructed/installed or to reject any or all tenders without giving any notice or assigning any reason. The decision of the Managing Director, JHAMFCOFED, Ranchi in this regard shall be final.

Note:- Hard copies of Technical bid & Financial bid will not be entertained without Tender fee & EMD.

Sd/-
Managing Director,
JHAMFCOFED



Jharkhand State Minor Forest Produce Cooperative Development and Marketing Federation Ltd. (JHAMFCOFED)

(Govt. of Jharkhand undertaking)

4th Floor, Pashupalan-Sahkarita Bhawan, Hatia, Ranchi- 834003, Jharkhand

Email I.D.:- mdjhamfcofed@gmail.com

Web Site: - www.jhamfcofed.com



Tender bids are invited from the registered and eligible contractors, firms, organizations or their authorized entity (having authorization in the format given in the bidding document) for construction of infrastructure for processing/office/godown related services for Jhamfcofed, Ranchi.

The Managing Director, Jhamfcofed, Ranchi hereby invites technical and financial bid through tender from eligible contractors, firms, organizations or their authorized entity (having authorization in the format given in the bidding document) for construction of infrastructure for processing/office/godown related services.

1. LAST DATE FOR RECEIPT OF TENDER :-

Sealed tenders bid -Technical Bid (Cover "A") and Financial Bid – (cover "B") should be submitted within 5 PM of 31.10.2023 in office only.

2. PRE - BID MEETING:-

A pre-bid meeting with all the intending bidders will be held at JHAMFCOFED Office (4th floor Pashupalan Shakarita Bhawan, near Singhmore, Hatia, Heasag, Ranchi) on 18.10.2023 at 3 PM.

3. ELEGIBILITY CRITERIA :-

- A) Bidder shall either be contractor, firm, organization or their authorized entity (having authorization in the format given the bidding document) should have experience of construction infrastructure for processing/office/godown and related services anywhere in India in any of the past 3 (three) years till the date of submission of bid.
- B) Average annual turnover of the bidder for the last three financial year i.e. 2020-21 to 2022-23 shall not be less than Rs. 50 Lakh. Relevant ITR copy. GST Return updated statement required.
- C) Bidder who has been blacklisted either by Tender Inviting Authority or by Jharkhand State Government or Central Government Organization will not be allowed to participate in the tender during the period of blacklisting.

4. General Terms & Conditions:-

- a) The specification of the required item is given in Annexure I.
- b) Tender is to be downloaded from the official website www.jhamfcofed.com. The tender document fee of Rs.5000/- (non- refundable) in the form of Demand Draft drawn in favour of "JHAMFCOFED" payable at Ranchi is to be deposited in the office of JHAMFCOFED in original before the date of opening of technical bid. Tender without the fee of Rs. 5000/- will not be accepted.
- c) All tenders must be accompanied by Earnest Money deposit as specified in the relevant clause of the bid document.
- d) Tenders will be opened in the presence of bidders/authorized representatives who choose to attend on the specified date and time as stipulated in the bid document.
- e) At any time prior to the date of submission of tender, the tender Inviting Authority may, for any reason, whether on his own initiative or in response to a clarification requested by a prospective Bidder, modify the tender document by an amendment. All prospective bidders who have received the tender document will be notified of the amendment and that will be binding on them. In order to provide reasonable time to take the amendment into account in preparing their bid. Tender Inviting Authority may at its discretion, extend the date and time for submission of tenders.
- f) Interested eligible bidders may obtain further information from the office of the Tender Inviting Authority.
- g) Construction should be completed within 90 days maximum, unless otherwise specified in

5. **TECHNICAL BID – COVER “A” :-**

The bidder should furnish the following documents/charge in a separate cover hereinafter-called **“Cover A”**.

a) **Tender Document Fee**

Tender document fee of Rs 5000/- in the form of a demand Draft in favour of “JHAMFCOFED” payable at Ranchi.

b) **Earnest Money Deposit (EMD)**

Earnest Money Deposit amounting of Rs. 50000/- (Fifty thousand only) in the form of Demand Draft/Bank Guarantee favouring “JHAMFCOFED” payable at Ranchi, is to be deposited in any other form will not be accepted. Earnest Money Deposit will not earn any interest. The Earnest Money Deposit of the successful Bidder may at the discretion of Tender Inviting Authority be adjusted towards the Security Deposit payable by the Bidder.

c) **Constitution of Company of Bidder:**

Documentary evidence regarding constitution of the company/concern such as certification of incorporation.

d) **Power of Attorney of Bidder:**

Attested copy of instruments such as Power of Attorney, Resolution of Board etc., authorizing an officer of the bidding firm to submit their bids. Such authorized officer should sign the bid documents.

e) **Undertaking:**

Undertaking in the form as per Annexure-IV (in stamp paper)

f) **Annual Turnover:**

Certified copy of annual turnover statement for the last three financial years should be attached. The certificate of Auditor/Chartered Accountant should be supported by Audited “Profit & Loss Statement” and “Balance sheet” of past three financial years i.e, 2020-21 to 2022-23.

g) **Execution of similar Contracts:**

Details of experience made during the past 3 financial years and till submission of bid with summary of Work Orders in specified format (Refer Annexure III).

The bidder shall submit self-attested declaration that all orders are executed satisfactorily.

h) **GST Registration certificate**

i) **Signature & seal on each page:**

The tender document is to be signed in all pages with office seal by the Bidder Before uploading it on the website.

6. **PRICE BID-COVER “B”**

Cover “B” shall contain the Price Bid in the format at Annexure- II & BOQ of the Tender.

a) **BOQ**

The Bidder shall dully fill the BOQ of the tender.

b) **Signature & seal on each Page**

Each page of the Price Bid should be duly signed by the Bidder affixing the office seal before uploading it on the website.

c) **Items Quoted & Rates**

The rate quoted in **Annexure-II** for items quoted.

d) **Unit Size/Rate**

The rate quoted in Annexure-II should be for a unit and given specification. The Bidder is not permitted to change/alter specification of unit size given in the Annexure-II.

7. **OPENNING OF COFER “A” AND COVER “B” OF TENDER**

a) All bidders are entitled to be present at the date and time of opening of technical Bid – Cover “A”.

b) Only those bidders whose Technical Bids are found to be acceptable after technical evaluation will be invited to be present at the date and time of opening of financial Bid-Cover “B” of the tender. The price bids of bidders not found technically qualified shall

8. VAVIDITY OF BID

Bids shall remain valid for acceptance for a period of 180 days after opening of Technical Bid i.e. Cover "A". Bids with shorter validity shall be rejected. A bidder may refuse extension request without forfeiting the EMD.

9. VALIDITY OF OFFER OF SUCCESSFUL BIDDER

The validity of offer of the successful bidder shall be at least one year from the date of finalization of the order and the successful bidder will be bound to construct/Install at agreed rates and terms during this period. This validity period may be further extended with mutual consent and subject to satisfactory performance of the bidder in executing the contract.

10. OTHER CONDITIONS

a) Item Details & Quantity

Specifications & Details of Items are shown in Annexure-I. The quantity Mentioned is only the tentative requirement and may increase or decrease as per requirement of Tender Inviting Authority. The quoted should not vary with the quantum of the order or the destination.

b) Unit Rate & Value

Each bid must contain not only the unit rate but also the total value of each item quoted in the respective columns. The aggregate value of all the items quoted in the tender shall also be furnished. During the period of contract with the successful bidder, if the price of any item is reduced due to any reason including any Law or Act of the Central/state Government, the bidder shall be statutorily bound to intimate the reduce rates immediately to the Tender Inviting Authority and shall charge the reduced rates. The Tender Inviting Authority is empowered to unilaterally effect such reduction as is necessary in rates, in case the bidder fails to notify or fail to agree to such reduction in rates.

c) No Revision/Correction of Rates

No Bidder shall be allowed at any time on any ground whatsoever to claim revision or modification in the rates quoted by him. Representation to make correction in the tender documents on the ground of clerical error, typographical error, etc., committed by the bidders in the Bids shall not be entertained after submission of the bids.

d) Execution of Order

Unless otherwise specified, constructions/installations should be made directly by the successful bidder and not through any other agency.

e) Inspection

Tender Inviting Authority or his authorized representative has the right to inspect the construction/Installation site of bidders, at any point of time and also has the right to reject the tender or terminate/cancel the orders, based on adverse reports brought out during such inspections.

Tender Inviting reserves the right to inspect or get it inspected by an authorized third party or an accredited lab whatsoever from one or all as may be deemed fit.

11. ACCEPTANCE OF TENDER

a) Tender evaluation

Tenders will be evaluated with reference to technical and commercial parameters to determine the technically qualified bidders. Financial Bids of technically qualified bidders will be evaluated with reference to the quoted rates. Conditional rate shall not be taken into account for price comparison. The bidder quoting the overall lowest price shall be ranked as the L1 bidder.

b) Right to Reject Tender

Tender Inviting Authority reserves the right to accept or reject the tenders wholly or partially at any time of tender without assigning any reason whatsoever to anyone.

c) Tender Acceptance

The acceptance of the tenders will be communicated to the successful bidders on the

12. AGREEMENT

The successful Bidder happens to a dealer/distributor then the Contract Agreement shall have to be signed by the bidder on a non judicial stamp paper of value of Rs. 100/- (stamp duty to be paid by the Bidder) preferably within 10 days from the date of the intimation from tender Inviting Authority informing that his tender has been accepted.

13. NON ASSIGNMENT

The Bidder shall not, at any time, assign, sub-let or make over the contract or the benefit thereof or any part thereof to any person or persons, whatsoever.

14. COMMUNICATION

All notices or communications relating to or arising out of an agreement or any of the terms thereof shall be considered duly served on or given to the Bidder if delivered to him or left at his premises, places of business or abode.

15. SECURITY DEPOSIT

The successful bidder shall within 10 days of issue of order be required to submit Security deposit of 2% of the order value in the form of bank guarantee from any Indian scheduled bank in favour of the Tender Inviting Authority valid for the entire contract period. However, if he/she fails to execute the order or fails to perform the services as per agreement, in addition to other penal actions, the bank guarantee shall be encashed and the amount will be forfeited by JHAMFCOFED.

16. FORCE MAEJURE

The above conditions of constructions period, price reduction etc. are subject to force majeure conditions which are beyond the control of the Bidder, do not involve fault or negligence of the Bidder and are not anticipated. Such events may include but are not limited to riots, mutinies, war, fire, storm, tempest, flood, earthquakes, epidemics or other exceptional causes like quarantine restrictions, freight embargoes. On specific request made by the bidder the time period of supply may be extended by the purchaser at his discretion for such period as may be considered reasonable. However, the condition shall not include scarcity of raw materials, power cut, labour dispute, failure of sub-vendor and increase in cost of raw material.

17. LOCAL CONDITIONS:

It will be imperative on each bidder to fully acquaint himself of all local conditions and factors that would have any effect on performance of the Contract. The tender Inviting Authority shall not entertain any request for clarifications from the bidder regarding such local conditions nor shall accept any offer conditional to the local factors. No request for any change of price or extension of time schedule of Constructions/Installation of goods shall be entertained after acceptance of bids.

18. PAYMENT PROVISIONS:

Payments toward the constructions/Installation of items will be made strictly as per rules of the Tender Inviting Authority. Full payment will be released only after completion of Constructions & installation of each unit ordered quantities.

- a) On completion of constructions/installations of ordered quantities as applicable, invoices with MB along with Photographs and installation/construction reports (certified by the Appropriate Authority).
 - b) If at any time during the period of contract, the price of tendered items is reduced or brought down by any law or Act of the Central or State Government or by the Bidder himself, the Bidder shall be bound to inform tender Inviting Authority immediately about such reduction in the contracted prices. Tender Inviting authority is empowered to unilaterally effect such reduction as is necessary in rates in case the Bidder fails to notify or fails to agree to such reduction in rates.
 - c) In case of any enhancement in Tax due to notification of the Government after the date of submission of tenders and during the validity period of contract, the quantum change in price structure of the items approved under the tender.
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19. ANNULMENT OF AWARD, FORFEITURE OF SECURITY DEPOSIT & FRESH AWARD:

Failure of the successful bidder to comply with the requirement of signing of agreement and/or submission of performance security within the time schedule as stipulated above shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security/EMD. Under such a situation, the proposal may be reviewed for award of the contract on the next lowest evaluated technically qualified bidder or go for a fresh bid depending on the circumstance. In case it is decided to go for the next lowest bidder, negotiation may be considered to bring down their price nearer to the originally evaluated lowest bidder.

20. ARBITRATION:

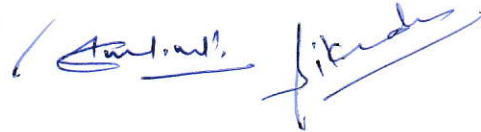
Any dispute whatsoever in any way arising out of or relating to the contract shall be referred to arbitration of the JHAMFCOFED, Ranchi Govt. of Jharkhand or to the sole arbitration of some person nominated by him. There shall be no objection of the arbitrator so appointed happens to be an employee of, Department of Agriculture, govt. of Jharkhand. The award of the arbitrator shall be final, conclusive and binding on all parties.

21. SAVING CLAUSE:

No suit, prosecution or any legal proceedings shall lie against Tender Inviting Authority of any person for anything that is done in good faith or intended to be done in pursuance of tender.

22. LAWS GOVERNING THE CONTRACT & JURISDICTION:

The contract shall be governed by the laws in force in India. In the event of any dispute arising out of the tender such dispute would be subject to the jurisdiction of the Court within the State of Jharkhand only.



Annexure- I

Letter Head
Technical Bid

(1) Details of authorized agency

- (i) Name of the Agency:-----
- (ii) Year of Establishment:-----
- (iii) Registration /license No. (Attach document):-----
- (iv) Updated GST return (Attach document)-----
- (v) GST Registration (Attach document)-----
- (vi) Audit report of last 3 years (Attached with the form):-----
- (vii) Income tax return of last 3 years (Attached with the form):-----
- (viii) Aadhar no. of authorizes person:-----
- (ix) Pan no. (Attached Xerox copy):-----
- (x) Contact no. (Phone/ Mobile no.):-----
- (xi) Email id:-----
- (xii) Address (registered):-----
- (xiii) Tender fee Draft number/date and name of bank(Copy attached):-----
- (xiv) Security deposit money details:-----
- (xv) Agency/Authorized dealer not blacklisted(As per Annexure-IV);-----
- (xvi) Bank details:-----
(A/c no. IFSC code, cancel cheque, first page of bank passbook attached)
- (xvii) Execution of similar contracts in past 3 years (As per Annexure III):-----
- (xviii) Attach certified copy of Approved BOQ/TS

Declaration:-

This is to certify that the above facts are true, complete and correct to the best of my knowledge and belief. Further, it is to certified that I/ we have read and understood the term and condition of the tender notice.

I/we give and undertaking and give our unconditional and unequivocal acceptance of all terms and conditions of tender and agreed to astride by these term and conditions.

Signature and Seal

Name
Designation
Phone Number
Email Id

Annexure – II

Letter Head
Financial Bid

Ref No.-----

Date – -----

To,
The Managing Director
JHAMFCOFED Ltd. Ranchi

Sir,
We have examined the tender for Construction of infrastructure for Processing/Office/Godown for Sal Leaf Plate & Cup Making Unit. Our rate for this according to your term and conditions are as follows

SN.	Activity Head	Sanctioned Budget (in Rs.) (Including all taxes & other levies)	Quoted budget by bidder (in Rs.) (Including all taxes & other levies)
1.	Construction of infrastructure for Processing/Office/Godown for Sal Leaf Plate & Cup Making Unit	12,00,000	

Date -

Signature and stamp of the Agency

Place -

For

Authorized signatory

Annexure – III

Performance Statement (of the Bidder)

Tender No:

S.No	Name and full address of Dept./Organization	Year	Qty Construct/Installed	Value

(Please use additional sheets if required)

SIGNATURE :

NAME & DESIGNATION :

DATE :

NAME & ADDRESS OF THE BIDDER :

**Annexure IV
Undertaking**

(To be submitted by Bidder on Stamp Paper)

To,

**Managing Director
JHAMFCOFED
4TH Floor Pashupalan – Sahkarita Bhawan
Hatia, Ranchi – 834003**

We.....
do hereby declare that presently we do not stand blacklisted by any Central or State Government organization or debarred from participating in tenders of such organization and are therefore eligible to participate in JHAMFCOFED Tender for construction of infrastructure for processing/office/godown related services.

SIGNATURE :

NAME & DESIGNATION :

DATE :

NAME & ADDRESS OF THE BIDDER :

**DETAILED ESTIMATE/DPR
FOR THE PROPOSED CONSTRUCTION OF
SHED OF SIZE 30 X 20 WITH ROOF CASTING**

Estimated Amount : Rs.12,00,000.00

ABSTRACT OF COST ESTIMATE				
FOR THE PROPOSED CONSTRUCTION OF SHED OF SIZE 30 X 20				
AT				
SL.NO.	PARTICULARS			AMOUNT
1		CIVIL WORK	:	1009846.41
2	ADD:	ELECTRIFICATION WORK	:	50800.58
				1060646.99
3	ADD:	G.S.T. @ 12%....	:	127277.64
				1187924.63
4	ADD:	LABOUR CESS @ 1%...	:	11879.25
		TOTAL COST OF THE WORK		1199803.87
			SAY	12,00,000.00
RUPEES TWELVE LACS ONLY				
Note: The rate of the estimate is based on SOR 2021 of BCD and DSR 2021 of CPWD				

AD.
18/04/22
J.E.
ICDP CELL
RANCHI

Technical sanction accorded Rs. 12000000.00
(Rs. Twelve Lacs only).

self
18/04/22
Executive Engineer
ICDP Cell
Ranchi

DETAILED ESTIMATE FOR THE PROPOSED CONSTRUCTION OF SHED SIZE 30 X 20											
Sl.No.	It.No.	Item of work	Nos.	Length	Width	Height /depth	Quantity	Unit	Rate	Amount	
1	5.1.1	Earthwork in excavation in foundation trenches in ordinary soil (vide classification of soil item-A) and disposal of excavated earth as obtained to a distance upto 50 M. including all lifts, levelling, ramming the foudation trenches, removing roots of trees, shrubs all complete as per approved design, building specification and direction of E/I.									
		Col foundation									
		F-1	4	6.000	6.000	5.000	720.00				
		F-2	6	5.000	5.000	5.000	750.00				
		Plinth beam									
		Vertical	4	9.410	1.000	1.000	37.64				
		Horizontal	6	9.580	1.000	1.000	57.48				
		Ent steps	1	11.250	2.000	1.000	22.50				
							1587.62	Cft			
							44.98	M3	139.58	6277.62	
2	5.1.7	Filling in foundation trenches and plinth in layers not exceeding 150mm thick well watered, rammed, fully compacted and fine dressed with earth obtained from excavation of foundation trenches within a lead of 50M and lift of 1.5M all complete as per building specification and direction of E/I. (mode of measurement compacted volume)									
		In foundation	2/3rd of excavated earth				1058.41				
		Sub floor									
		Sub floor	1	30.500	20.000	1.000	610.00				
							1668.41	Cft			
		Total filling					47.26	M3	50.82	2401.95	
3	5.1.10.	Providing coarse clean sand in filling in foundation trenches or in plinth including ramming and watering in layers not exceeding 150mm thick with all leads and lifts including' cost of all materials, labour, royalty and taxes all complete as per building specification and direction of E/I (Mode of measurement complacted volume).									
		Column foundation									
		F-1	4	6.000	6.000	0.330	47.52				
		F-2	6	5.000	5.000	0.330	49.50				
		Plinth beam									
		Vertical	4	9.410	1.000	0.330	12.42				
		Horizontal	6	9.580	1.000	0.330	18.97				
		Ent steps	1	11.250	2.000	0.330	7.43				
		Sub floor	1	30.500	20.000	0.330	201.30				
							337.13	Cft			
							9.55	M3	415.58	3969.02	

Sl.No.	It.No.	Item of work	Nos.	Length	Width	Height /depth	Quantity	Unit	Rate	Amount
4	5.6.1	Providing designation 75 A one brick flat soling joints filled with local sand including cost of watering taxes royalty all complete as per building specification and direction of E/I.								
		Column foundation								
		F-1	4	6.000	6.000		144.00			
		F-2	6	5.000	5.000		150.00			
		Plinth beam								
		Vertical	4	9.410	1.000		37.64			
		Horizontal	6	9.580	1.000		57.48			
		Ent steps	1	11.250	2.000		22.50			
		Sub floor	1	30.500	20.000		610.00			
							<u>1021.62</u>	Sft		
							<u>94.95</u>	M2	329.83	31316.07
5	5.3.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - all work upto plinth level								
	5.3.1.4	1:3:6 (1 cement : 3 coarse sand (zone - III): 6 graded stone aggregate 20mm nominal size)								
		Column foundation								
		F-1	4	6.000	6.000	0.330	47.52			
		F-2	6	5.000	5.000	0.330	49.50			
		Ent steps	1	11.250	2.000	0.330	7.43			
		Sub floor	1	30.500	20.000	0.330	201.30			
							<u>305.75</u>	Cft		
							<u>8.66</u>	M3	3985.04	34515.75
6	5.2.3	Providing designation 75 A brick work in C.M.(1 :6) in foundation & Plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10 mm thick mortar joints cost of screening materials , scaffolding , raking out joints to 15mm depth curing, taxes and royalty all complete as per building specification and direction of E/I.								
		Vertical	4	9.410	0.830	1.000	31.24			
		Horizontal	6	9.580	0.830	1.000	47.71			
							78.95	Cft		
							<u>2.24</u>	M3	5069.99	11339.20
7	5.2.52	Providing designation 100 A brick work with fly ash lime brick (FLAG) conforming to IS 12894-1990 (9"x4.5"x3") in C.M. (1:6) in foundation and plinth with approved quality of clean coarse sand of F.M. 2 to 2.5 including providing 10mm thick mortar joints, cost of screening materials, raking out joints to 15mm depth, curing, taxes and royalty all complete as per building specification and direction of E/I.								
		Vertical	4	9.410	0.830	11.000	343.65			
		Horizontal	6	9.580	0.830	11.000	524.79			
		Less: RS	-1	9.500	0.830	8.000	-63.08			
		Verticaltor	-5	4.000	0.830	1.500	-24.90			

Sl.No.	It.No.	Item of work	Nos.	Length	Width	Height /deph	Quantity	Unit	Rate	Amount	
							780.47	Cft			
							22.11	M3	4363.57	96476.38	
8	5.3.9	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering and shuttering, finishing and reinforcement - all work upto plinth level									
	5.3.9.1	1:1.5:3 (1 cement : 1.5 coarse sand (zone - III): 3 graded stone aggregate 20mm nominal size)									
		in Foundation									
		F-1	4	5.500	5.500	0.660	79.86				
		F-2	6	4.500	4.500	0.660	80.19				
							160.05	Cft			
							4.53	M3			
		in Plinth beam									
		Vertical	4	9.410	0.830	1.000	31.24				
		Horizontal	6	9.580	0.830	1.000	47.71				
		Total quantity of plinth beam					B	78.95	Cft		
							2.24	M3			
		Column upto plinth level									
		C-1	6	0.830	1.250	4.000	24.90				
		C-2	4	0.830	1.250	4.000	16.60				
							41.50	Cft			
							1.18	M3			
		Total RCC quantity upto plinth level (A + B + C)						7.95	M3	5094.36	40480.62
9	5.3.10	Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level upto floor five level, excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement : 1.5 coarse sand (zone - III) : 3 graded stone aggregate 20mm nominal size)									
		in Columns									
		C-1	6	0.830	1.250	12.000	74.70				
		C-2	4	0.830	1.250	12.000	49.80				
							124.50	Cft			
		Total quantity of columns						3.53	M3	5891.97	20780.46

Sl.No.	It.No.	Item of work	Nos.	Length	Width	Height /depth	Quantity	Unit	Rate	Amount
10	5.3.11	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases, above plinth level upto floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone - III): 3 graded stone aggregate 20mm nominal size)								
		in roof beams								
		Vertical	4	9.410	0.830	0.660	20.62			
		Horizontal	6	9.580	0.830	0.660	31.49			
			2	20.000	0.830	1.250	41.50			
		Diagonal	4	11.000	0.830	0.660	24.10			
							117.71	Cft		
							A	3.33	M3	
		in roof slab								
			1	36.660	27.250	0.410	409.58			
							409.58	Cft		
							B	11.60	M3	
		In lintel								
		10" wall	1	101.000	0.830	0.500	41.92			
							41.92	Cft		
							C	1.19	M3	
		Total quantity of RCC above plinth upto floor V level								
				(A+B+C)			16.12	M3	6092.63	98243.02
11	5.3.5	Providing and laying damp-proof course 50mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand(zone-III) : 4 graded stone aggregate 20mm nominal size).								
		Total length of 250mm wall								
			1	101.000	0.830		83.83			
							83.83	Sft		
							7.79	M2	269.23	2097.54
	5.3.17	Centering and shuttering including strutting, propping etc. and removal of form for								
12	5.3.17.1	Foundations, footings, bases of columns, etc. for mass concrete								
		RCC foundation		4.530	M3	2.000	9.06	M2	184.61	1672.57
		form work		2.000	M2/M3					
13	5.3.17.3	Suspended floors, roofs, landings, balconies and access platform								
		roof slab		11.600	M3					
				11.600	M3	8.000	92.80	M2	403.78	37470.78
		form work		8.250	M2/M3					

Sl.No.	It.No.	Item of work	Nos.	Length	Width	Height /deph	Quantity	Unit	Rate	Amount
14	5.3.17.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers								
					form work	M2/M3				
		Plinth beam		2.240	M3	8.000	17.92			
		Roof beam		3.330	M3	11.000	36.63			
		Lintel		1.190	M3	10.000	11.90			
							66.45	M2	337.71	22440.83
15	5.3.17.6	Columns, Pillars, Piers, Abutments, Posts and Struts								
					form work	M2/M3				
		Column		4.710	M3	11.000	51.81	M2	436.56	22618.17
		Providing for steel reinforcement for all RCC work								
		Foundation	M3	4.53	60.000	kg/M3	:	0.27		
		Plinth beam	M3	2.24	140.000	kg/M3	:	0.31		
		Lintel	M3	1.19	100.000	kg/M3	:	0.12		
		Roof slab	M3	11.60	90.000	kg/M3	:	1.04		
		Roof beam	M3	3.33	240.000	kg/M3	:	0.80		
		Column	M3	4.70	240.000	kg/M3	:	1.13		
					Total qty.			3.68	MT	
16	5.5.4	Providing for steel reinforcement of 8mm. dia. rods as per approved design and drawing with cutting, bending and binding with annealed wire with cost of wire, removal of rust, placing the rods in position (excluding carriage of bars to work site) all complete as per building specification and direction of E/I. TMT FE 500 (only valid for Tata (Tiscon), SAIL, JSPL, Electrosteel Steels Ltd. Bokaro, & Vizag (RINL)								
		25% of total reinforcement taken for 8mm dia					0.92	MT	79086.94	72701.94
17	5.5.5 & 5.5.6.	Providing for steel reinforcement of 10,12,16mm . dia. rods as per approved design and drawing with cutting, bending and binding with annealed wire with cost of wire, removal of rust, placing the rods in position (excluding carriage of bars to work site) all complete as per building specification and direction of E/I. TMT FE 500 (only valid for Tata (Tiscon), SAIL, JSPL, Electrosteel Steels Ltd. Bokaro, & Vizag (RINL)								
		10mm dia - 20% of total reinforcement					0.55	MT	77259.94	42613.47
		12 to 25mm dia - 55% of total reinforcement					2.21	MT	76041.94	167766.67

Sl.No.	It.No.	Item of work	Nos.	Length	Width	Height /deph	Quantity	Unit	Rate	Amount
18	5.5.18	Supplying, fitting and fixing fully glazed steel door, window or ventilations of standard rolled 'Z' and mullion steel sections and size as per IS-1038 joints met and welded with 100X16X3mm M.S. lugs fixed in cement concrete (1:2:4) block 15X10X10cm, size including cost of oxidised iron fittings, with hinges, handle per steps, catch springs, 3mm thick plain glass panes with Aluminium beads and inner frame fixed with lugs with 20mm long 6.3mm G.I. counter sunk machine screw and nuts and applying a coat of red lead paint carriage to work site hoisting and placing in position in all storys and taxes all complete as per building specification and direction of E/I.								
		Ventilator	5	4.000		1.500	30.00	Sft		
							2.79	M2	4012.62	11187.60
19	DSR 10.6.1	Supplying and fixing rolling shutters of approved makemade of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.50cm long wire springings manufactured from high tensile steel wire of adequate strength conforming to IS: 4454-Part 1 and M.S. top cover of required thickness for rolling shutters - 80X1.25mm M.S. laths with 1.25mm thick top cover								
		RS	1	9.500		8.000	76.00			
							76.00	Sft.		
							7.06	M2	2659.83	18786.90
20	5.5.12	Supplying, fitting and fixing M.S. grill made of 20x6mm M.S. flat as per approved design and drawing, properly fabricated with joints continuous fillet welded and finished smooth, carriage of grill to work site, hoisting as per building specification and direction of E/I. (where materials is not supplied by the deptt.)								
		Window grill								
		Ground floor								
		Ventilator	5	4.000	1.500	1.800	54.00	Kg	73.46	3966.84
21	5.5.13	Providing and fixing fan hook of 16mm dia M.S. bar 1 metre long bent to required size and shape, placed in position and fixed in R.C.C. slab/beam at the time of casting all complete as per building specification and direction of E/I. (where material is not supplied by deptt.)								
							6.00	Each	138.80	832.80

Sl.No.	It.No.	Item of work	Nos.	Length	Width	Height /deph	Quantity	Unit	Rate	Amount
22	5.6.28	Providing and laying Doublecharge vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622 / ISO 13006 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm .								
			1	30.500	20.000		610.00			
		Skirting	1	50.500	2.000	0.500	50.50			
							660.50	Sft		
							61.38	M2	934.78	57381.24
23	5.6.20	Providing and laying 25mm thick kotah stone tiles in risers of steps skirting and pillars of approved size texture and colour laid over 12mm thick cement mortar (1:30 and joined with grey cement slurry mixed with pigment to match the shade of the slab including rub bing to granolithic finish with approved quality of carborandum stone including cost of curing, taxes and royalty all complete as per building specification and direction of E/I.								
		Ground floor								
		Steps	2	11.250	1.000		22.50			
			3	11.250	0.500		16.88			
							39.38	Sft		
							3.66	M2	2969.09	10865.05
24	5.7.3	Providing 12mm Thick cement plaster (1:6) with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding, taxes and royalty all complete as per building specification and direction of E/I.								
		internal wall	1	50.500	2.000	11.500	1161.50			
		Less:								
		R/ shutter	-1	9.50	0.500	8.000	-38.00			
		Ventilator	-5	4.000	0.500	1.500	-15.00			
						Total	1108.50	Sft		
							103.02	M2	153.24	15786.85
25	5.7.6	Providing 6mm thick cement plaster (1:4) in ceiling with clean coarse sand of F.M. 1.5 including screening, curing with all leads and lifts of water, scaffolding taxes and royalty all complete as per building specification and direction of E/I.								
		Ground floor n								
			1	30.000	20.000		600.00			
		Preoj	2	25.660	2.000		102.64			
			2	35.660	2.000		142.64			
		Beam	2	20.000	2.500		100.00			

Sl.No.	It.No.	Item of work	Nos.	Length	Width	Height /depth	Quantity	Unit	Rate	Amount
			4	11.000	1.330		58.52			
							1003.80	Sft		
							<u>93.29</u>	M2	170.27	15884.48
26	5.7.16	Providing 25mm thick water proof cement plaster (1:3) with clean coarse sand of F.M. 1.5with 5% cico or any other approved water proofing compoundincluding taxes and royalty all complete as per building specification and direction of E/I. (design plaster)								
		Slope ceiling	1	36.660	27.250		998.99			
							998.99	Sft		
							<u>92.84</u>	M2	259.21	24065.70
27	5.7.14	Providing 12mm thick water proof cement plaster (1:3) with clean coarse sand of F.M. 1.5with 5% cico or any other approved water proofing compoundincluding taxes and royalty all complete as per building specification and direction of E/I.								
			2	32.160		14.000	900.48			
			2	21.660		14.000	606.48			
		Col	8	0.410	2.000	14.000	91.84			
		Less:								
		R/ shutter	-1	9.50	0.500	8.000	-38.00			
		Ventilator	-5	4.000	0.500	1.500	-15.00			
						Total	1545.80	Sft		
							<u>143.66</u>	M2	177.69	25527.25
28	DSR 13.46.1	Finishing walls with acrylic sommth exterior paint of required shade: New work (two or more coats applied @ 1.67ltr/10sqm) over and including priming coat of exterior primer applied @ 2.20kg/10sqm.								
		Internal wall plaster					103.02			
		Ceiling plaster					93.29			
		External					143.66			
		Top roof					<u>92.84</u>			
							<u>432.81</u>	M2	147.49	63835.15
29	5.8.45	Providing two coats of synthetic enamel paint of approved shade and make over steel surface including cleaning the surface thoroughly, scaffolding and taxes all complete as per building specification and direciton of E/I.								
		Window grill				times				
		Ventilator	5	4.000	1.500	1.600	48.00			
		RS	1	9.500	8.000	2.100	159.60			
							207.60	Sft		
							<u>19.29</u>	M2	61.90	1194.28
30	Carriage of materials									
		Bricks (10KM.)					13403	/1000	1093.62	14657.79
		Coarse Sand (15 KM.)					48.00	CUM	380.38	18258.24
		Stone Chips 15 KM.)					24.10	CUM	380.38	9167.16
		Stone Metal 15 KM.)					8.15	CUM	400.86	3267.01

Sl.No.	It.No.	Item of work	Nos.	Length	Width	Height /deph	Quantity	Unit	Rate	Amount
									Total	1009846.41

MATERIALS STATEMENT

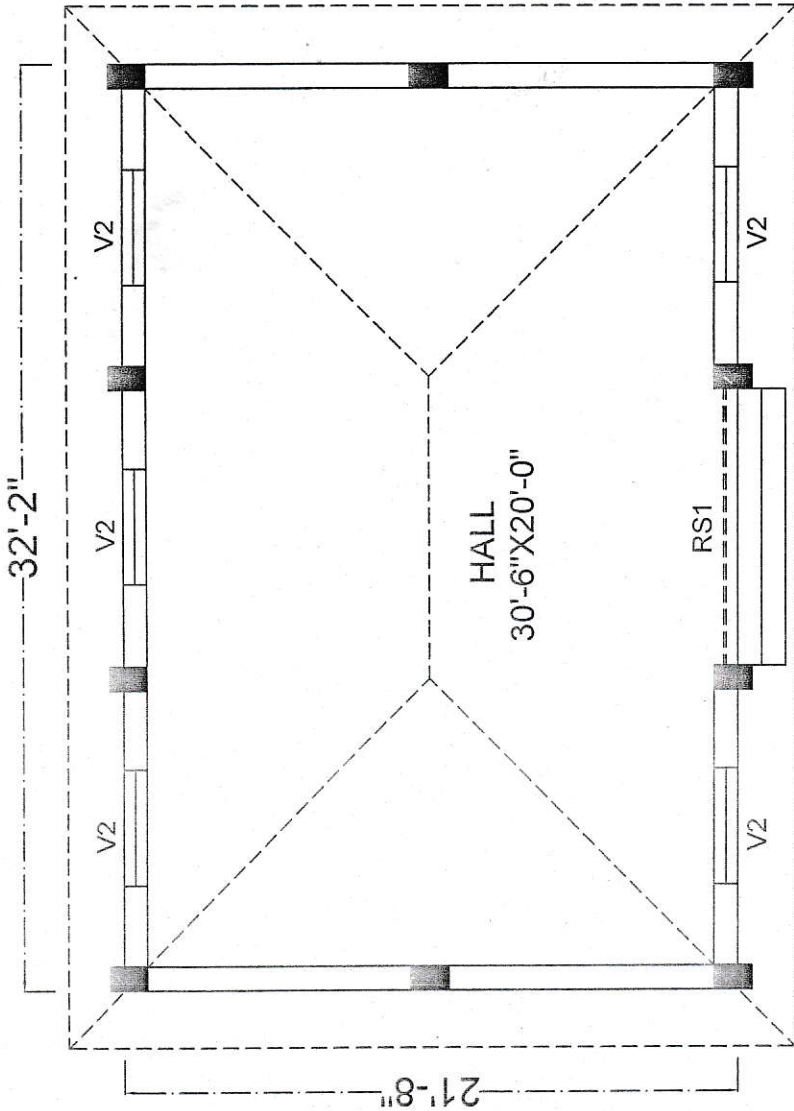
SHED 30 X 20

ITEM OF WORK	QUANTITY		CEMENT		SAND		CHIPS		BRICKS	
	in M ³ /M ²		RATE	QTY.	RATE	QTY	RATE	QTY	RATE	QTY
1 SAND FILLING	9.55				1.00	9.55		0.00		
2 PCC 1:3:6	8.66		0.156	1.35	0.47	4.07	0.94	8.14		0
3 BRICK FLAT SOLING	94.95			0.00	0.015	1.42		0.00	32.5	3086
4 250MM BRICK WORK	2.24		0.057	0.13	0.34	0.76		0.00	406	909
5 FLY ASH BRICK	22.11		0.044	0.97	0.355	7.85		0.00	425.5	9408
6 RCC (1:1.5:3)	27.60		0.286	7.89	0.43	11.87	0.86	23.74		
7 D.P.C.	0.38		0.225	0.09	0.45	0.17	0.90	0.34		
8 TILES FLOORING	61.38		0.0041	0.25	0.014	0.86		0.00		
9 KOTA FLOORING, SKRTNG	3.66		0.0041	0.02	0.014	0.05		0.00		
10 12MM. C.P. (1:6)	103.02		0.0026	0.27	0.0156	1.61		0.00		
11 6MM CEMENT PLASTER	93.29		0.0019	0.18	0.0073	0.68		0.00		
12 12mm C.P. (1:3)	143.66		0.045	6.46	0.014	2.01		0.00		
13 DESIGN PLASTER	92.84		0.0074	0.69	0.076	7.06		0.00		
				16.26		47.96		32.22		13403
			459 BAGS				METAL	8.14	FLYASH	9408
			23 MT.				CHIPS	24.08	BRICK	3995

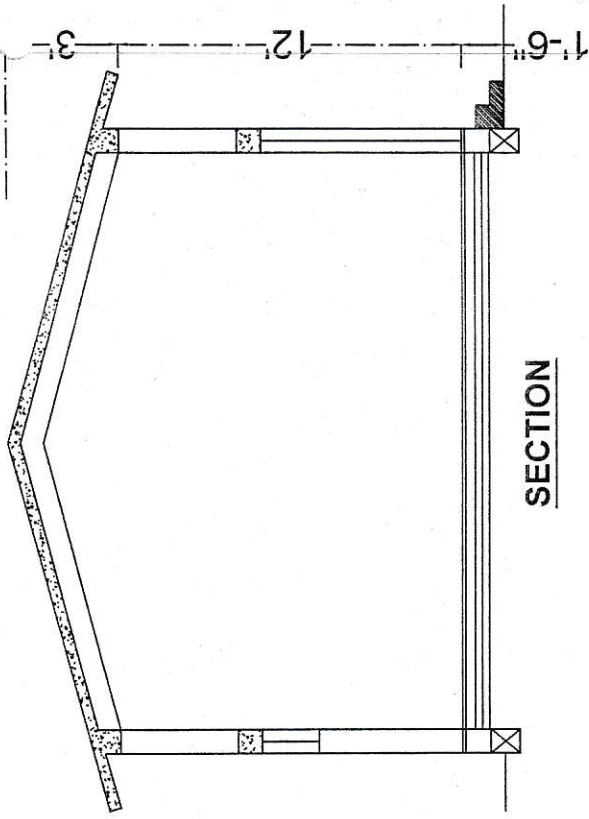
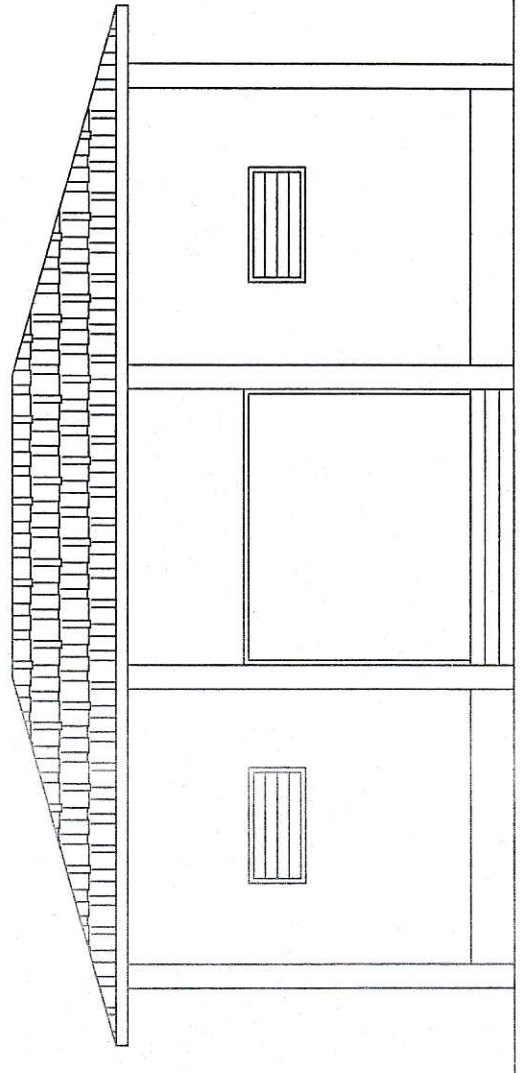
ELECTRIFICATION WORK

SI No	IT.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
1	1.3.3 Gr-C	Point Wiring in PVC Conduit, with Modular type Switch: Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit, with modular type switch, modular plate, suitable size of GI box etc as required.	Nos.	18.00	777.00	13986.00
2	1.31	Supply and Fixing Light Plug Point with Modular Type Accessories: Supply and Fixing GI box with modular plate and cover in front on surface or in recess including providing and fixing 3 pin, 5/6 amps modular socket outlet and 5/6 amps modular type switch, connection, painting etc as required.	Each	4.00	287.00	1148.00
3	1.32	Supply and Fixing Light Plug Point with Modular Type Accessories: Supply and Fixing GI box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin, 15/16 amps modular socket outlet and 15/16 amps modular type switch, connection, painting etc as required.	Each	2.00	359.00	718.00
4	1.7	Circuit / Sub-main wiring in PVC Conduit: Wiring for circuit / sub-main wiring along with earth wire with the following sizes of PVC insulated, copper conductor, single core cable in surface/recessed PVC conduit as required.				
	1.7.1	2x1.5 Sqmm + 1x1.5 sqmm earth wire	Mtrs.	25.00	130.00	3250.00
	1.7.2	2x2.5 Sqmm + 1x2.5 sq mm earth wire	Mtrs.	50.00	173.00	8650.00
	1.7.3	2x4 Sqmm + 1x4 sq mm earth wire	Mtrs.	15.00	231.00	3465.00
5	2.9	S/F TP MCB DB:- Supplying and fixing of following way, three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required (Without MCB/RCCB/ISOLATOR). (All TP MCB DB shall be as per IS:8623)				
	2.9.4	4 Ways (4+12 ways) double door		1	1,848.00	1848.00
6	2.12	S/F 'C' series MCB:- Supplying and fixing 240 volts, 'C' series, miniature circuit breaker suitable for inductive loads of following poles in the existing MCB DB complete with connections, testing and commissioning etc, as required.				
	2.12.1	6/32A Single Pole	Each	4	160.00	640.00
	2.12.8	6/32A TPN MCB	Each		793.00	0.00
7	1.33	S/F Ceiling Rose: Supplying and fixing 2 pin ceiling rose on the existing junction box/ wooden block including connection etc as required.	Each	10.00	41.00	410.00

Sl No	IT.NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
8	1.25	S/F Modular type electronic fan regulator: Supplying and fixing stepped type fan regulator on the existing modular plate switch box including connections but excluding modular plate etc as required.	Each	6.00	256.00	1536.00
9	1.34	S/F Batten / Angle Holder: Supplying and fixing batten / angle holder including connection etc as required.	Each	2.00	55.00	110.00
10	9.5.2	S.I.T.C of following rating surface mounted LED tube light fittings suitable for 230V, 50Hz, single phase supply etc. complete as required - 20/22W. LED tube light	Nos.	6.00	657.00	3942.00
11	M869 Rate + 10% CP	Bulk head fitting with 9/10Watt CFL/LED	Nos.	2	359.74	719.48
12	M 856 Rate + 10% CP	Supplying, 15/16 Watt LED bulb of approved make	Nos.	2.00	233.05	466.10
14	9.4.2	Supply, installation, testing and commissioning of following size ceiling fan 3 blades conforming to IS:374:2019 including wiring the down rods of standard length (upto 30cm) with 1.5sq.mm. FR. PVC insulated copper wire suitable for 230V, 50Hz, single phase supply etc. complete as required. - 1400mm (56") ceiling fan	Nos.	6.00	1,652.00	9912.00
					Total	50800.58



GR. FLOOR PLAN



SCHEDULE OF DOOR & WINDOW

TYPE	WIDTH	HEIGHT	CILL
RS1	9'-6"	10'-0"	0'-0"
V2	4'-0"	1'-6"	8'-0"

PROPOSED CONSTRUCTION OF SHED
OF SIZE 30'X20' AT VARIOUS PALACES

Drawn By : Miraj. Dealt By: Mallick SHEET NO.: AR-01
DATE : 18.04.2022 SCALE : 1:100

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SIGNATURE