

# छत्तीसगढ़ राज्य सहकारी दुग्ध महासंघ मर्यादित

ग्राम-उरला, पो – बी0एम0वाय0 चरोदा,जिला-दुर्ग, छ0ग0

क्रमांक/5199/छगदुमस/RKVY RAFTAAR-18-19/क्रय/2019

दिनांक-06.09.2019

॥ सिविल कार्य हेतु निविदा सूचना -द्वितीय ॥

छत्तीसगढ़ राज्य सहकारी दुग्ध महासंघ मर्यादित द्वारा मिल्क बूथ पार्लर निर्माण कार्य हेतु द्वितीय निविदा आमंत्रित की जाती है, जिसकी निविदा जमा करने की अंतिम तिथि-**24.09.2019** निर्धारित है, जिसका विस्तृत विवरण दुग्ध महासंघ की वेबसाइट:-[www.cgcoopdairyfed.in](http://www.cgcoopdairyfed.in) पर उपलब्ध है।

प्रबंध संचालक

**CHHATTISGARH STATE COOPERATIVE DAIRY FEDERATION LIMITED**  
(ISO 22000:2005 Certified)

Email: [raipurdugdhsangh@gmail.com](mailto:raipurdugdhsangh@gmail.com)

Website: [www.cgcoopdairyfed.in](http://www.cgcoopdairyfed.in)

CGCDF/PUR/RKVY-RAFTAAR-18-19/CIVIL/5199

Date: 06.09.2019

**Tender Notice for Civil Work-IIInd**

Sealed tenders are invited from the eligible bidders registered in any C.G. Govt. works department for Civil construction of Milk Booth Parlor at Urla Dairy Plant. Bid to be offered on percentage rate (Below/Above) as per PWD-SOR- w.e.f. 01/01/2015 basis. Work details as below:-

No	Work Description	Estimated Cost	EMD
1	Milk Booth Parlor Construction at Dairy Plant Urla- As per estimate.	Rs 3.00 Lakh	Rs. 7000.00

Cost of tender form will be Rs.500/- and Rs. 250/- will be extra for postal charge & EMD in favor of **CHHATTISHGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT payable at Raipur** in the form of D.D. to be submitted along with Tender form. In case form is download from website then separate DD of Rs. 500/- be attached with tender form. Tender form will be available at Head office on working days from 10.30am to 5.30 pm .Last date and time for issue of tender documents is **24-09-2019** up to **1.00 PM**. Last date for submission of tender is-**24.-09-2019** up to **02.00 PM** and will open on same date at **03.00PM**. Managing Director reserves the right to accept/reject any or all tenders or its part without assigning any reason thereof.

**MANAGING DIRECTOR**

**CHHATTISHGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT**  
(ISO 22000:2005 Certified)

Email: [raipurdugdhsangh@gmail.com](mailto:raipurdugdhsangh@gmail.com)

Website: [www.cgcoopdairyfed.in](http://www.cgcoopdairyfed.in)

CGCDF/PUR/RKVY-RAFTAAR-18-19/CIVIL/5199

Date: 06.09.2019

**INDEX**

<b><u>Description</u></b>	<b><u>Page No</u></b>
Tender Publication Notice .....	1
Detail Tender NIT .....	2
Index.....	3
General Terms and Conditions .....	4-6
Schedule II-Form -A .....	7
Schedule II- Form-B- .....	8
Drawing and design for Shed.....	9
BOQ for Construction .....	10-16

*Managing Director*  
*Chhattisgarh Rajya Sahakari Dugdh Mahasangh*  
*Maryadit, Urla, Durg*

SCHEDULE - I**General Terms & Conditions for tender submission & work details**

Tender Ref.: CGCDF/PUR/RKVY-RAFTAAR-18-19/Civil/ 5199

Date: 06.09.2019

**Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg (CGCDF), an ISO certified cooperative organization, invites sealed tenders from Civil contractor who is experienced civil work. The rates are invited for Civil Construction of Milk Booth Parlor at Urla Dairy Plant.**

Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg reserves the right to accept or reject any or all tenders, which in their opinion justify such actions, without further explanation to the tenderers.

**1.0 DECLARATION :**

The submission of a tender by a tenderer implies that he/she has read the notice and conditions of the tender and the terms and conditions of contract and has made himself/herself aware of scope and specifications of the supplies to be made and the destination where the supplies have to be made and satisfied himself/herself regarding the quality and specifications of the articles.

**2.0 TENDER SUBMISSION:**

- 2.1 (a) The tender should be sent by post /courier so as to reach the Managing Director , Chhattisgarh State Cooperative Dairy Federation Limited, PO BMY Charoda, Urla, Durg -490025 (CG) on or before the scheduled time and date. Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg shall not be responsible for any postal delay.
- (b) If the tenderers do not want to send the tenders by post and if they wish to hand over personally the sealed tenders addressed to the Managing Director, Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg -490025 (CG) they are permitted to do so by depositing with inward section by the scheduled time.
- (c) No responsibility shall be attached for premature opening of tender not properly addressed and identified. The tenders received against the advertisement up to the specified time limit only shall be considered.
- 2.2 Individuals signing on the tender and other related documents must specify in which capacity of the firm he/ she has signed the documents.
- 2.3 Offer for each tender should be sent under separate cover super scribing the relevant tender reference number and category. Failure to adhere to this instruction will render the offer liable for rejection.
- 2.4 The tenderer(s) should clearly state in their offer the address, telephone, fax, e-mail, PAN and TIN . Any change in the address should immediately be communicated to the Managing Director, Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg and correspondence thereafter will be made at the changed address.
- 2.5 Negligence on the part of tenderer in filling the tender form offers him/her no right to withdraw tender after it has been opened.
- 2.6 The acceptance of the tender and award of the purchase order will be the sole right of the Managing Director, Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg. who does not bind him self to accept a tender in whole or in part or reject any or all the tenders received without assigning any reasons and no explanation can be demanded of the cause of rejection of the tender by any tenderer.

- 2.7 The tenderers should send their offers along with the specifications, necessary drawing (if required) which will form the basis of their offer and is an integral part thereof.
- 2.8 The Managing Director, CGCDF reserves the right to place order for whole requirement with any tenderer or split the orders among one or more tenderers or not to purchase at all any item even after rate approval.
- 2.9 Each tender should be accompanied with copy of PAN, income tax return for previous year, sales tax number and without which the tender may not be entertained.
- 2.10 The tenderers should submit the tender in the enclosed rate form -B only in schedule-II The conditional tenders are liable to be rejected.
- 2.11 No person or firm is permitted to submit more than one tender under different names.
- 2.12 Each page of the tender and its enclosure should be signed at the bottom by the tenderer.
- 2.13 The tenderer shall not sublet the contract or assign to any other party or parties, the whole or any portion of the contract without prior written permission of Managing Director, CGCDF.
- 2.14 Demonstration of equipment, machines or articles available with the firm shall be arranged by the tenderer at his own cost, whenever requested by Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg.
- 2.15 Tenderer shall fill all the details of the unit in the enclosed form- A in schedule-II.

### **3.0 EARNEST MONEY DEPOSIT**

- 3.1 All the tenderers are required to deposit fresh Earnest Money as specified in tender document, for each item either in cash or in the form of crossed demand draft / bankers ch. in favour of Managing Director, Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg. Submissions of earnest money by any other mode than specified above shall not be acceptable and the related tender shall not be eligible for consideration. **Previous EMD amounts of any firm if lying with CGCDF for any or for same items shall not be considered against this tender reference. All previous EMD amounts of firms will be refunded by CGCDF in due course of time after expiry of last approved period**
- 3.2 Any tender which is not accompanied by Earnest Money deposit are liable to be rejected. Earnest money deposit of unsuccessful tenderers will be returned within 90 days from the date of opening of the tender. The earnest money deposit of the successful tenderers will be released on completion of supply/work as the case may be within the stipulated period.
- 3.3 No interest will be paid on the earnest money for the period during which (the EMD) lies in deposit with Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg.
- 3.4 Demand Draft towards earnest money or the original money receipts (in case of cash deposits) should be submitted enclosed alongwith the tender offer in sealed cover.

### **4.0 INSURANCE**

Insurance is to be arranged by the tenderer.

### **5.0 PAYMENT**

**Payment will be through Running Bill along with Measurement Book Register duly verified by Civil consultant and committee members .**

### **6.0 TERMINATION OF CONTRACT**

If any act of commission or omission of a unit under contract brings Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg, to dispute, then Managing Director , Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg shall be competent to debar/blacklist the unit from further business.

**7.0 CONSEQUENCES OF BREACH OF AGREEMENT**

If any firm under the contract commits breach of any of the conditions, it shall be lawful for the Managing Director , Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg to cancel the contract and to purchase material from any other alternate sources on the risk and cost of the defaulting unit.

**8.0 DISPUTE ARBITRATION & FINAL AUTHORITY**

8.1 It should be clearly understood that in the event of a successful tenderer failing to accept and execute the supply order, then decision of the Managing Director, Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg -490025 (CG), in this respect will be final and binding on the successful tenderer.

8.2 For all matters of dispute, the decision of the Managing Director, Chhattisgarh State Cooperative Dairy Federation Limited, Urla, Durg or a nominee appointed by him under Arbitration and Conciliation Act. 1996 shall be final and binding on all the concerned.

8.3 For all disputes, the venue for legal course shall be at Raipur.

8.4 **No correspondence will be entertained regarding tender after submission of tender document.**

Sd/-

*Signature of tenderer*

*Managing Director  
Chhattisgarh State Cooperative Dairy  
Federation Limited, Urla, Durg*

**SCHEDULE -II - FORM -A**

(to be filled in and submitted along with the offer by the tenderer )

**I/We hereby furnish particulars of our firm as under :**

- 1 Name of the firm M/s. ....
- 2 Address of the firm  
Office.....  
Factory.....
- 3 Telephone nos. Office..... Factory .....
- 4 Name of proprietor/ partner  
contact no. (mobile) .....
- 5 Registration No. & date,  
certificate issuing authority. ....
- 6 C.S.T/MPCT/TIN No..... date..... ;PAN .....
- 7 Manufacturing facility with  
available Plant & machinery .....
- 8 Customers on current list  
i.....  
ii.....  
iii.....  
iv.....
- 9 Are you supplying same  
material to any other cooperative  
dairies (if yes, give clientele  
list) .....
- 10 If you propose to diversify to  
technological advancement, if so  
what is the nature and expected  
time .....
- 11 Whether the firm was black-listed/debarred or penalized by any Central or State govt.  
organization at any time. **/Yes/No/**
- 12 If the reply is ' Yes', when &  
why? Give reasons in detail .....

I/We undertake that the information furnished in this tender document is correct to the best of my/our knowledge and belief.

Date:

Place :

Seal &Signature of the authorized signatory of the firm

**SCHEDULE-II-FORM-B**

To, (to be filled in and submitted by the tenderer )

The  
**Managing  
 Director**  
**Chhattisgarh State Cooperative  
 Dairy Federation Limited, Urla,  
 Durg.- 490025 (CG)**

Dear Sir,

With reference to your tender ref. no..... for.....(item) , we are  
 pleased to offer our rates as under :

<b><u>S. NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>RATE</u></b> (Bid to be offered on percentage rate (Below/Above) as per PWD-SOR- w.e.f. 01/01/2015 basis)
1	Constriction of Milk Booth Parlour at Urla Dairy Plant. (As per design, drawing & BOQ enclosed.)	

(Rupees \_\_\_\_\_ only)

EMD/ Deposited: Vide \_\_\_\_\_

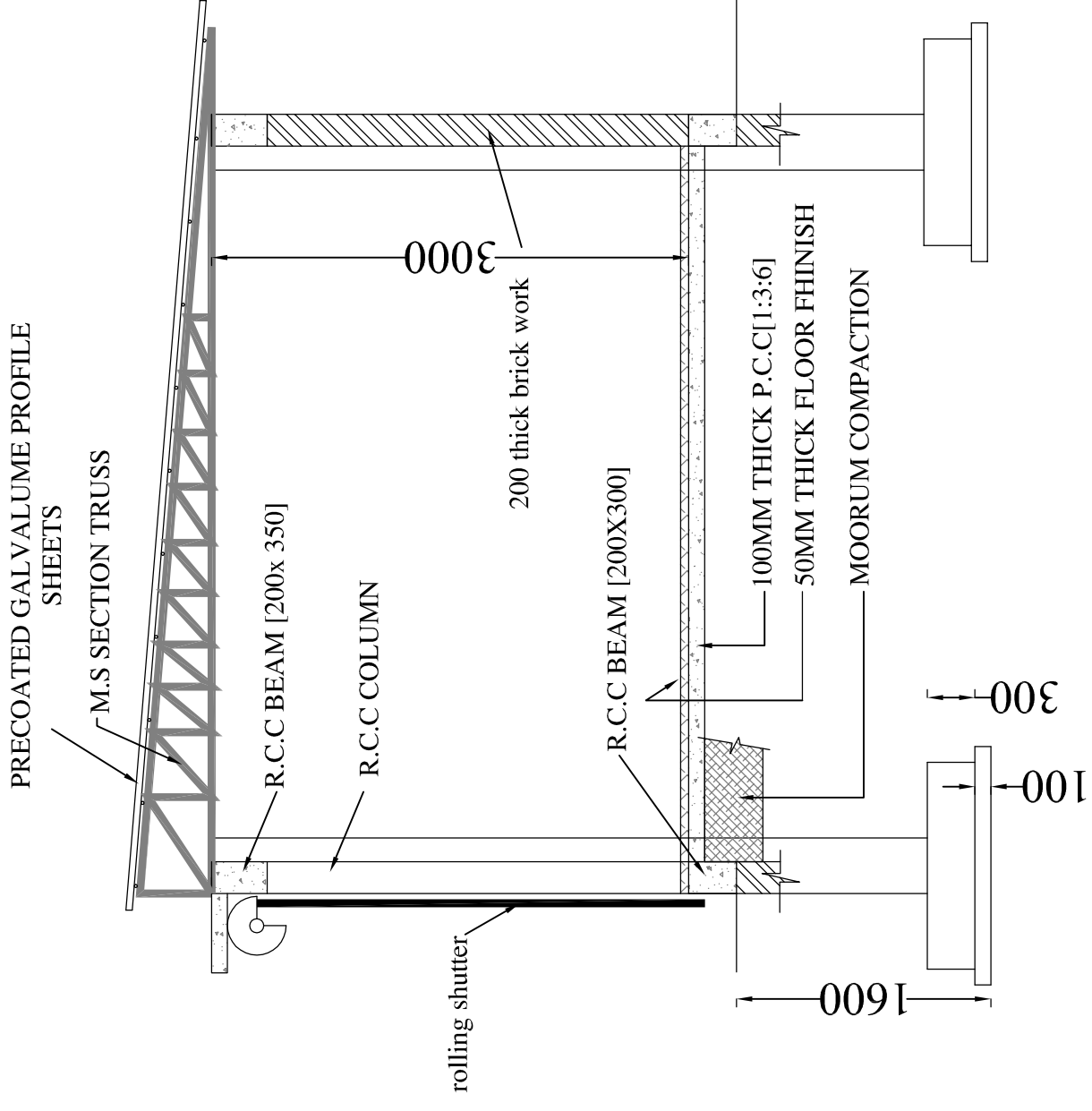
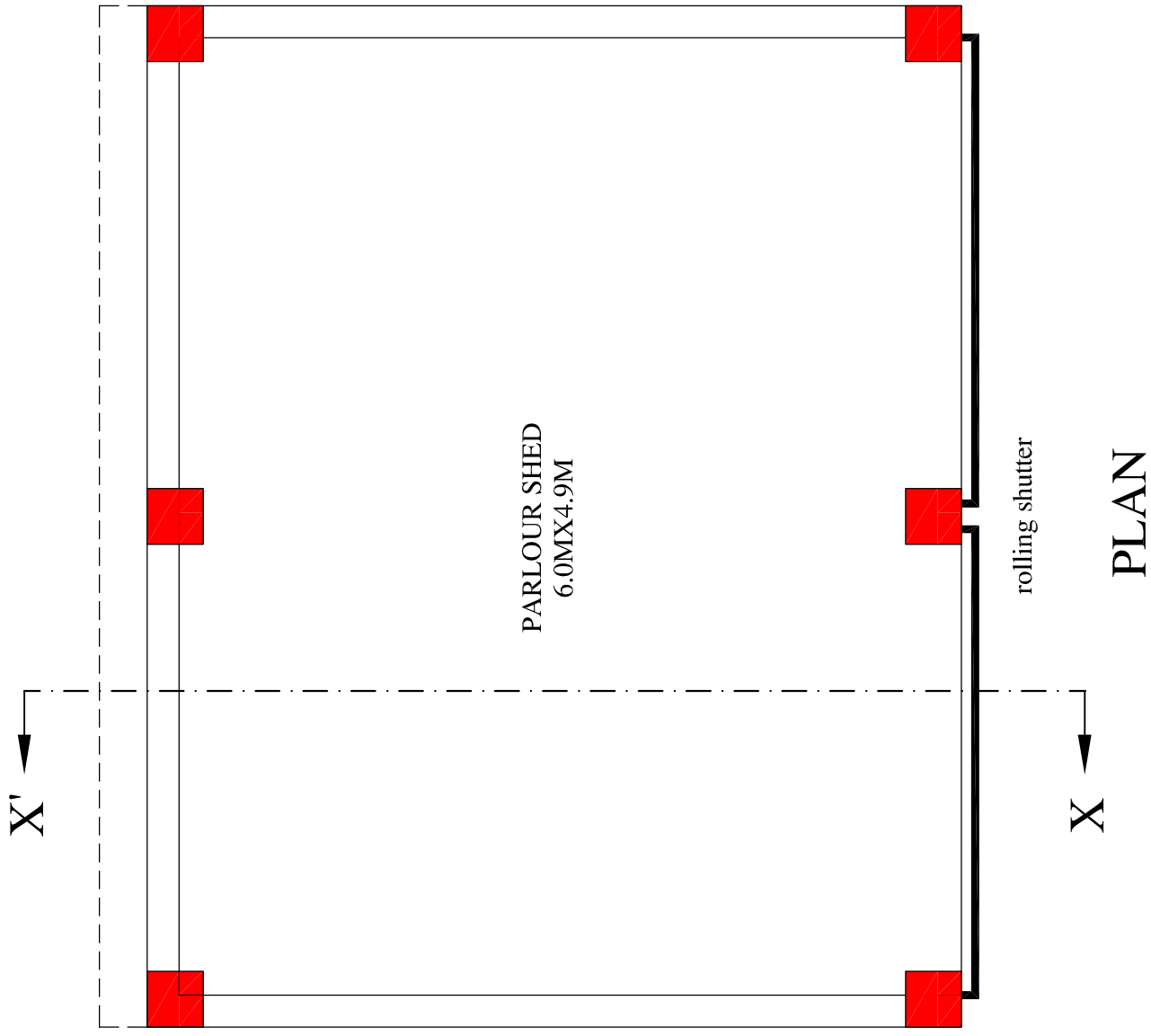
Place : .....

Date : .....

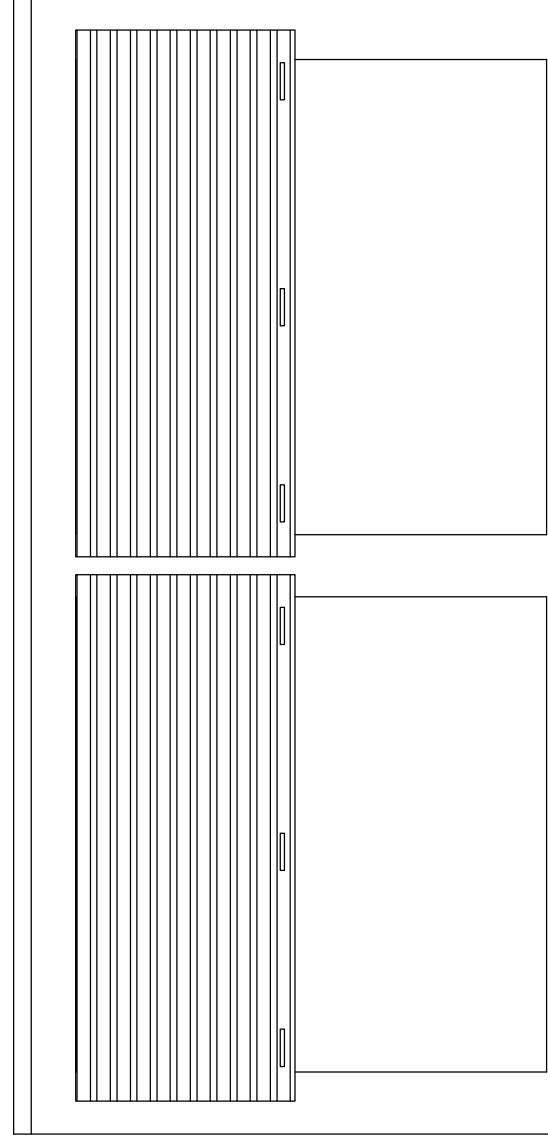
Signature of the authorized signatory  
 with seal of the firm







SECTION X-X'



## DETAILED ESTIMATE FOR

DETAILED ESTIMATE OF SHED[6.4MX4.3M]

Estimate Based on : PWD BUILDING SOR in force form 01.01.2015 & NON SOR.

S.No.	ITEM	No.	L	B	D/H	QUANTITY	UNIT	RATE (Rs.)	AMOUNT
1	Excavation for all types and sizes of foundations trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at teats 5m away from the excavated area), including dressing and leveling of pits.								
	<b>( PWD BUILDING SOR NO. 1.1/9)</b>								
(A)	(i) In all types of soil up to 1.50m lift								
	<b>( PWD BUILDING SOR NO. 1.1.1/9)</b>								
		C1	6	1.50	1.50	1.60	21.60		
						21.60	cum		
	(ii) Extra for every additional lift of 1.5 m or part thereof.								
	<b>( PWD BUILDING SOR NO. 1.6/10)</b>								
	All types of soils								
	<b>( PWD BUILDING SOR NO. 1.6.1/10)</b>				(EX.DEPTH-1.5)				
		C1	6	1.50	1.50	0.10	1.35		
						1.35	cum		
2	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering including dressing etc.complete.								
	<b>( PWD BUILDING SOR NO. 1.18/ 11)</b>								
		C1	6	1.50	1.50	1.60	21.60		
	<b>Deduction of p.cc</b>					-1.35			
	<b>Deduction of R.cc</b>					-3.92			
	<b>Filling in plinth area</b>								
		SHED	1	6.00	4.90	0.30	8.82		
						25.15	cum		
3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of from work.								
	<b>( PWD BUILDING SOR NO. 3.1/23)</b>								
	(ii) 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).								
	<b>( PWD BUILDING SOR NO. 3.1.2/23)</b>								
		C1	6	1.50	1.50	0.100	1.35		
	<b>GROUND BEAM</b>								
		BEAM	2	6.00	0.4	0.05	0.24		
		....DO....	3	4.90	0.4	0.05	0.29		

						1.88	cum		
	(iii) .1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
	<b>( PWD BUILDING SOR NO. 3.1.3/23)</b>								
	<b>Plinth area</b>								
	SHED	1	6.00	4.90	0.100	2.94			
						<b>2.94</b>	cum		
4	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	<b>( PWD BUILDING SOR NO. 3.2/23)</b>								
	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
	<b>( PWD BUILDING SOR NO. 3.2.1/23)</b>								
	Footing F1/C1	6	1.30	1.30	0.30	3.04			
	<b>Column up to ngl</b>								
	C1	6	0.35	0.35	1.20	0.88			
	<b>column up to ngl to plinth lvl</b>								
	C1	6	0.35	0.35	0.30	0.22			
	<b>column up to slab lvl</b>								
	C1	6	0.35	0.35	3.00	2.21			
	<b>GROUND BEAM</b>								
	BEAM	2	6.00	0.20	0.30	0.72			
	....DO....	3	4.90	0.20	0.30	0.88			
	<b>WALL TOP BEAM</b>								
	BEAM	2	6.00	0.20	0.35	0.84			
	....DO....	2	4.90	0.20	0.35	0.69			
	<b>Ground floor slab</b>								
	FRONT OF ROLLING SHUTTER	2	2.80	0.60	0.100	0.34			
						<b>9.814</b>	Cum.		
5	Extra for laying PCC/RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
	<b>( PWD BUILDING SOR NO.3.4/23)</b>								
						<b>4.067</b>	Cum.		
6	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	<b>( PWD BUILDING SOR NO. 2.1/16)</b>								
	(i) Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.								

	( PWD BUILDING SOR NO. 2.1.1/16)		(L+B)X2						
	Footing F1/C1	6	5.20		0.30	9.36			
	column up to ngl								
	C1	6	1.40		1.20	10.08			
	column up to ngl to plinth lvl								
	C1	6	1.40		0.30	2.52			
	<b>GROUND BEAM</b>								
	<b>LONGER SPAN</b>								
	BEAM	4	6.00		0.30	7.20			
	....DO....	6	4.90		0.30	8.82			
						<b>37.98</b>	<b>sqm</b>		
	Columns, Pillars, Piers and likes- rectangular or square in shape								
	( PWD BUILDING SOR NO. 2.1.5/16)								
	column up to Wall top lvl								
	C1	6	1.40		3.00	25.20			
						<b>25.20</b>	<b>sqm</b>		
	(vii) Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	( PWD BUILDING SOR NO. 2.1.7/16)								
	<b>Ground floor slab</b>								
	FRONT OF ROLLING SHUTTER	2	2.80	0.60		3.36			
						<b>3.36</b>	<b>sqm</b>		
	(iv) Edge of slab, breaks in floor and walls upto 200mm.	2	6.80	rmt.		<b>13.60</b>	<b>metre</b>		
	( PWD BUILDING SOR NO. 2.1.4/16)								
	(viii) Beams, lintels, cantilevers & walls								
	( PWD BUILDING SOR NO. 2.1.8/16)								
	<b>SLAB Beam</b>								
	BEAM	4	6.00		0.20	4.80			
	bottom	2	6.00		0.20	2.40			
	....DO....	4	4.90		0.20	3.92			
	bottom	2	4.90		0.20	1.96			
						<b>13.08</b>	<b>sqm</b>		
7	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete:								
	( PWD BUILDING SOR NO. 3.12/24)								
	Thermo-Mechanically treated bars FE 415	1	9.81	80.00	Kg./Cum.	785.08	Kg.		

	( PWD BUILDING SOR NO. 3.12.1/24)								
8	Brick work with modular fly-ash lime bricks (FaLG Bricks) conforming to IS:12894-2002 of class designation 4.0 in foundation and plinth in:								
	( PWD BUILDING SOR NO. 7.5/45)								
	(ii) Cement Mortar 1:5 (1 cement : 5 coarse sand)								
	( PWD BUILDING SOR NO. 7.5.3/45)								
	<b>below ground beam</b>								
	Wall	2	6.00	0.20	2.65	6.36			
	...do....	2	4.90	0.20	2.65	5.19			
	Deduction of opening R.S(-)	2	3.00	0.20	2.65	-3.18			
						<b>8.37</b>	<b>cum</b>		
9	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth:								
	( PWD BUILDING SOR NO. 7.6/45)					<b>8.37</b>	<b>cum</b>		
10	Supplying and fixing rolling shutter of approved makes made of 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 out side locking with push and pull arrangement complete but excluding the cost of top cover and spring.								
	( PWD BUILDING SOR NO. 9.27/83)								
	80x1.25mm M.S. Laths								
	( PWD BUILDING SOR NO. 9.27.1/83)								
	RS1	2	2.80		2.800	15.68			
						<b>15.68</b>	<b>SQM</b>		
11	Providing and fixing 27.5cm long wire spring for rolling shutters.								
	( PWD BUILDING SOR NO. 9.28/83)								
	RS	2	2.00			4.00			
						<b>4.00</b>	<b>Each</b>		
12	Providing and fixing M.S. sheet top cover for rolling shutter								
	( PWD BUILDING SOR NO. 9.29/83)								
	1.25mm thick								
	( PWD BUILDING SOR NO. 9.29.1/83)								
	RS1	2	2.80		0.900	5.04			
						<b>5.04</b>	<b>SQM</b>		
13	Providing and fixing ball bearing for rolling shutters.								
	( PWD BUILDING SOR NO. 9.30/83)								
	RS	2	2.00			4.00			
						<b>4.00</b>	<b>Each</b>		

14	Providing and laying cement plaster of specified thickness and mix in correct lines levels and plumb over columns, beams and walls of any shape and size at all levels, including curing any required scaffolding all as per drawings and as directed by the Engineer-inCharge. Item is inclusive of all required edge making, finishing, transportation, labour, materials, tools, plants and equipments etc. complete.								
	(i) 6mm thick cement plaster of mix:								
	<b>( PWD BUILDING SOR NO. 11.1/103)</b>								
	In Cement mortar 1:3 (1 cement :3 fine sand)								
	<b>( PWD BUILDING SOR NO. 11.1.1/103)</b>								
	<b>Ground floor slab</b>					<b>3.36</b>	<b>sqm</b>		
	(ii) Providing and making 12mm thick cement plaster of mix:								
	<b>( PWD BUILDING SOR NO. 11.2.2/103)</b>								
	In Cement mortar 1:4(1 cement :4 fine sand)								
	<b>Above plinth</b>								
	Wall	2	6.00		3.00	36.00			
	...do...	2	4.90		3.00	29.40			
	Deduction of opening R.S(-)	2	2.80	0.50	2.40	-6.72			
						<b>58.68</b>	<b>sqm</b>		
	(iii)15mm thick cement plaster on the rough side of single or half brick wall of mix:								
	<b>( PWD BUILDING SOR NO. 11.3/103)</b>								
	In Cement mortar 1:5 (1 cement :5 fine sand)								
	<b>( PWD BUILDING SOR NO. 11.3.3/103)</b>								
	<b>2nd face of wall</b>					<b>58.68</b>	<b>sqm</b>		
15	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.								
	<b>( PWD BUILDING SOR NO. 12.3/111)</b>								
	75 mm thick								
	<b>( PWD BUILDING SOR NO. 12.3.3/111)</b>								
	SHED	1	6.00	4.90		29.40			
						<b>29.40</b>	<b>sqm</b>		

16	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer								
<b>( PWD BUILDING SOR NO. 9.3/80)</b>									
Electric resistance or induction butt welded tubes Grade-250									
<b>( PWD BUILDING SOR NO. 9.3.1/80)</b>									
18kg/sqm		1	6.00	4.90	18.00	529.20			
						<b>529.20</b>	kg		
17	Supply and fixing of polymer pre-coated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.								
<b>( PWD BUILDING SOR NO. 10.12/91)</b>									
		1	7.00	5.90		41.30			
						41.30	sqm		
18	Providing and fixing 15 cm. wide 45cm. overall semi circular plain G.I. sheet gutter with iron brackets 40x3 mm size, bolts, nuts and washers etc. including making necessary connections with rain water pipe complete as per designs.								
<b>( PWD BUILDING SOR NO. 14.9/91)</b>									
0.80 mm thick sheet		1	7.00			7.00	m		



