

ICAR Research Complex for NEH Region
Tripura Centre, P.O. Lembucherra 799 210
West Tripura.

No. RC/TC(C-4)/2011/MS/Pt/III/0001

Date: April 01, 2013.

NOTICE INVITING TENDER

On behalf of ICAR, separate **SEALED** tenders for each of the following works are hereby invited from the contractors having valid registration / enlistment of State PWD / CPWD / BSNL / MES or any other authorized construction agency:

| Sl. No. | Name of work | Estimated cost | Earnest money (Rs.) |
|---------|--|----------------|---------------------|
| 1. | Construction of Buffalo Shed under Animal Reproduction discipline of ICAR, Tripura Centre at Lembucherra. | 4,99,790.00 | 9995/- |

Detail Plan & Estimate-cum-Tender Paper will be available at our website <http://www.tripuraicar.gov.in>

Last date of receiving tenders: **10th April (up to 2 P.M.)**

Terms & Conditions

1. The received tender (s) may be opened on the above date and time, if possible. The bidder himself or his authorized representative may remain present on the date of opening.
2. The successful bidder will have to undertake the awarded work within 7(seven) days of receipt of work order and to complete the same within a reasonable time of 30 (thirty) days or as may be specified in the work order.
3. The successful bidder has to adhere to the Plan & Estimate while minor deviation as may be specified by the undersigned/concerned Scientist I/c. will be allowed subject to approval of the undersigned and further subject to the condition that the total expenditure must remain restricted to the administrative approved costs for each of the above works.
4. On completion of the allotted work, the bill in triplicate with **Measurement Book** duly signed by the Tech. Officer (AAS) (or Trng. Asstt. T-6 (Agril. Engg.) of KVK, Tripura) and copy of the handing over report may be submitted to the undersigned for arranging payment.
5. The undersigned reserves the right to accept and / or reject any tender including the lowest one without assigning any reason thereof.
6. Tenders are to be incorporated with copies of Enlistment, Registration, Labour Registration and ITC, PTC etc.
7. Earnest money (as mentioned in the Col. No. 4 above) in the form of **Deposit-at-Call** in favour of the undersigned of any bank must be attached with the tenders.
8. The cover containing the tender must be superscripted by the name of work as mentioned at Col. No.2 above.
9. **Rs.1000/- (Rupees one thousand)** only has to be paid as the cost of Tender Paper (**non-refundable**). This is in the form of A/c Payee cheque/Banker's Cheque in favour of the Joint Director, ICAR, Tripura Centre, payable at Agartala

(B. DAS)
Joint Director (I/c)

From:

To

The Joint Director,
ICAR Research Complex for NEH Region,
Tripura Centre, Lembucherra-799210.

Sub: Submission of Tender for'
.....'

Ref: Your NIT No..... Dated.....

Sir,

With reference to the above NIT I/we hereby offer my/our rates as detailed in you Tender Papers or such portion thereof as you may specify in the acceptance of tender. I/we shall be bound by a communication of acceptance dispatched within the aforesaid date.

2. I/we understood the instructions and conditions of contract pertaining to the above mentioned tender and have thoroughly examined the specifications/drawings and/or pattern quoted in the schedule thereto and am/are fully aware of the nature of the stores required and my/our offer is to supply strictly in accordance with the requirements.

3. The following pages have been added as part of the tender:

- a)
- b)
- c)
- d)
- e)
- f)

4. An A/c Pay cheque/Banker's Cheque bearing No. dated for Rs..... (Rupees.....) only drawn in favour of the Joint Director, ICAR, Tripura Centre is enclosed herewith **being the cost of tender papers.**

5. One Deposit-at-Call bearing No..... dated..... for Rs..... (Rupees.....) only, drawn in favour of the Joint Director, ICAR, Tripura Centre on SBI, Agartala is also enclosed herewith being the **Earnest Money Deposit (EMD).**

6. I/we also agree to execute the contract bond/agreement as per ICAR rules

Yours faithfully,

(Signature of Tenderer)

Signature of witness

Address

Terms & conditions

1. Only bonafide contractor/reputed construction firms duly registered and enlisted under CPWD/PWD/BSNL/MES/NBCC etc. and having PAN, valid registration with sales tax and Central Sales Tax (CST) (where applicable) are eligible for submitting tender. Tenderers having quoted for ISI/ISO certified equipment/service shall have preference.
2. As mentioned in the tender notice, the Earnest Money has to be submitted in the form of 'Deposit-at-Call in favour of the Joint Director, ICAR, Tripura Centre of any nationalized / state operated bank. Tender without the appropriate EMD will not be entertained and will be rejected. Number of the D'call has to be mentioned in submission letter.
3. The EMD will not carry any interest on it. The EMD of unsuccessful bidder (s) may be released on receipt of request from respective bidder, while the EMD of the successful tenderer (s) may be released only after 6 (six) months of completion of work. Request for release of such EMD after 3 years from the last date of receipt of tender not received, the same will be forfeited. Submission of EMD with tender is **compulsory** and no request for exemption is acceptable.
4. Tenders may be submitted in person and may drop in Tender Box or may send through Registered post/Speed Post. Responsibility of late receipt/postal delay/transit loss of such tender (s) sent through post will not be taken by the ICAR authority.
5. Tender paper (forms and other papers) has to be **downloaded from our website <http://www.tripuraicar.gov.in>** and an A/c payee cheque/Banker's cheque/Demand Draft for **Rs.500/-** (Rupees five hundred) only in favour of the Joint Director, ICAR, Tripura Centre to be attached with the tender. The cost of such Tender Paper has to be submitted separately for each of 'works'.
6. Tender (s) has to be submitted separately, in separate cover inscribing 'TENDER FOR.....(name of work)' together with all requisite documents, EMD and cost of tender paper.
7. The successful tenderer has to start the awarded work within a stipulated time to be mentioned in the 'Work order', failing which, penalty @5% (five percent) of the value of tender for delay of 15 days or fraction thereof will be imposed and will be deducted from contractor's bill or the EMD and the order will stand automatically cancelled.
8. Tender (s) should reach the office of the Joint Director, ICAR, Tripura Centre, Lembucherra within the stipulated date and time. Dropping time of tenders is 10 A.M. to 4 P.M. (except closing date & time). The tender so received up to the last date and time may be opened on that day, if possible. No tender will be received/entertained after the stipulated date and time.
9. Payment of Contractor's bill will be made by A/c payee DD/Cheque either from Tripura Centre or from our Complex's H. Qrs., Umiam, Meghalaya.
10. Appropriate Income tax by way of TDS (Tax Deducted at Source) as per the IT rates prescribed by Govt. of India will be deducted.
11. Decision of the Joint Director, ICAR Research Complex, Tripura Centre on any dispute related to the Tender shall be final and binding.
12. If the total number of tenders are received is less than three, the received such tenders will not be opened and will be returned.

13. The tenders should remain valid for **one year** from the date of acceptance.
14. the authority reserves the right to accept/reject any tender including the lowest one without assigning any reason thereof. The authority also reserves the right to accept any tender if the **lowest** bidder fails to complete the/does not start the awarded work within stipulated time, i.e., it is not mandatory of award the work to **2nd lowest**.

Sd/- B. Das, Joint Director (I/c)

Joint Director/Asstt.A.O.

Signature of Tenderer

All correspondence relating to the tender should be addressed to the Joint Director, ICAR Research Complex, Tripura Centre, Lembucherra, West Tripura-799210.

भाक् अनुप - पूप
ICAR-RC-NEH

APPLICATION FOR REQUEST FOR REFUND OF THE E.M.D. WITH REGARD TO THE TENDER FOR THE CIVIL WORKS UNDER ICAR RESEARCH COMPLEX, TRIPURA CENTRE, LEMBUCHERRA, WEST TRIPURA, TRIPURA

From

To

The Joint Director,
ICAR Research Complex for NEH Region,
Tripura Centre, P.O. Lembucherra,
West Tripura-799210, Tripura.

Sub: Application for release of EMD

Ref: Work entitled `.....
.....

Sir,

This is to request you that since I am not the successful bidder with regard to the above mentioned tender, hence my E.M.D. which was dispatched / submitted to your good self vide Deposit-at-Call / Demand Draft / Banker's Cheque No. _____ dated _____ for Rs. _____ of(name of Bank and Branch) drawn in favour of the Joint Director, ICAR Research Complex and payable and Agartala, may kindly be refunded to me at an early date.

Yours faithfully,

Date:

Signature & Seal of the Tenderer

भाक अनुप पाण
ICAR-RC-NEH

TENDER PAPER

Name of the work : **Construction of Buffalo Shed.**
 Division : Animal Reproduction
 Place : ICAR Research Complex for NEH Region, Tripura
 Rate : Tripura Schedule Rates 2011, PWD (Building Works)
 Total estimated cost : **Rs. 499790.00**

| Item No | Particulars | Quantity | Rate (Rs)/ Unit | Amount (Rs) |
|---------|--|-----------|-----------------|-------------|
| A | B | C | D | E |
| 1. | Demolishing cement concrete manually by mechanical means in/c disposal of materials with all lifts and up to of 50m lead etc. complete as per direction of the engineer-in-charge. 1:2:4 or richer mix Floor 1x5.80x15.00x0.10 | 8.70cum | | |
| 2. | Demolishing reinforced cement concrete manually by mechanical means in/c stacking of steel bars properly and disposal of unserviceable materials with all lifts and up to of 50m lead etc. complete as per direction of the engineer-in-charge. 1x8x0.40x0.40x1.00 | 1.28cum | | |
| 3. | Dismantling steel work in frames ,trusses, purlins and rafters etc up to 10m span and 5m height in/c dismembering and stacking of serviceable materials and unserviceable materials separately with all lifts and up to of lead 50m etc. complete as per direction of the engineer-in-charge 1x6.00x17.00 | 102.00sqm | | |
| 4. | Dismantling GS sheet roofing in/c ridges, hips, valleys gutters wind ties etc in/c dismembering and stacking of serviceable materials and unserviceable materials separately with all lifts and up to of lead 50m etc. complete as per direction of the engineer-in-charge 1x6.00x17.00 | 102.00sqm | | |
| 5. | Earth work in excavation in foundation trenches or drains (not exceeding 1.5m in width or 10sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50m -All kind of soil by manual means For Room wall 1x2x5.80x0.50x0.50=2.90cum For Hard awn 1x2x18x0.40x0.30=4.32 1x23.00x0.40x0.30=2.76 1x15.00x0.40x0.30=1.80 For Ramp 1x2x15.00x0.40x0.30=3.60 1x1.20x0.40x0.30= 0.144 | 15.524cum | | |
| 6. | Supplying and filling in plinth, under floor, foundations etc. with sand (fine) from local quarry with all lifts including spreading in horizontal layers, watering, grading to required slope, ramming, consolidation and compactor or by any suitable method complete. Floor 1x5.80x16.00x0.20=18.56cum Room wall 1x2x5.80x0.50x0.10=0.58 | 23.348cum | | |

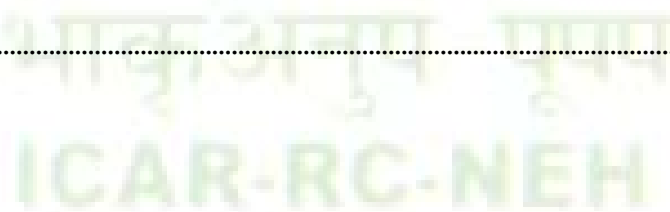
| | | | | |
|-----|--|-----------|--|--|
| | <p>Hard awn $1 \times 2 \times 18 \times 0.40 \times 0.10 = 1.44$ $1 \times 23.00 \times 0.40 \times 0.10 = 0.92$ $1 \times 15.00 \times 0.40 \times 0.10 = 0.60$</p> <p>Ramp $1 \times 2 \times 15.00 \times 0.40 \times 0.10 = 1.20$ $1 \times 1.20 \times 0.40 \times 0.10 = 0.048$</p> | | | |
| 7. | <p>Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering –all work up to plinth level 1:3:6 (1cement :3 fine sand :6graded well burnt brick aggregate 20 mm nominal size)</p> <p>Floor $1 \times 5.80 \times 16.00 \times 0.075 = 6.96 \text{cum}$</p> <p>Room $1 \times 2 \times 5.80 \times 0.50 \times 0.075 = 0.435$</p> <p>Hard awn $1 \times 2 \times 18.00 \times 0.40 \times 0.075 = 1.08$ $1 \times 23.00 \times 0.40 \times 0.075 = 0.69$ $1 \times 15.00 \times 0.40 \times 0.075 = 0.45$</p> <p>Ramp $1 \times 2 \times 15.00 \times 0.40 \times 0.075 = 0.90$ $1 \times 1.20 \times 0.40 \times 0.075 = 0.036$</p> | 10.551cum | | |
| 8. | <p>Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidation each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m-All kinds of soil $1 \times 2/3 \times 15.524 (\text{qty as item no .5})$</p> | 10.349cum | | |
| 9. | <p>Earth work in excavation over areas (exceeding 30cm in depth 1.5m in width as well as 10sqm on plan) including disposal of excavated earth lead up to 50m and lift 1.5m disposed earth to be leveled and dressed. -All kind of soil by manual means $1 \times 1/2 (18.00 + 23.00) \times 15.00 \times 1/3 (1.00 + 0.40 + 0.10)$</p> | 153.75cum | | |
| 10. | <p>First class brick work in foundation and plinth including cost of all materials as required complete in cement mortar 1:6 (1 cement : 6 fine sand)</p> <p>For Room wall $1 \times 2 \times 5.80 \times 0.381 \times 0.15 = 0.662 \text{cum}$ $1 \times 2 \times 5.80 \times 0.254 \times 0.25 = 0.736$</p> <p>For Hard awn $1 \times 2 \times 18.00 \times 0.254 \times 0.25 = 2.286$ $1 \times 23.00 \times 0.254 \times 0.25 = 1.460$ $1 \times 15.0 \times 0.254 \times 0.25 = 0.952$</p> <p>Ramp $1 \times 2 \times 15.00 \times 0.254 \times 1/2 (0.25 + 0.15) = 1.524$ $1 \times 1.20 \times 0.254 \times 0.15 = 0.045 \text{cum}$</p> | 7.665cum | | |
| 11. | <p>Half brick masonry work in with 1st class brick in super structure above in up to floor five level including of all materials as required complete in cement mortar 1:4 (1cement : 4 fine sand)</p> <p>Manger divider $1 \times 20 \times 0.60 \times 0.30 = 3.60 \text{sqm}$</p> <p>Wall $1 \times 2 \times 3 \times 1.77 \times 1/2 (2.70 + 2.30) = 13.27 \text{sqm}$</p> | 9.94sqm | | |

| | | | | |
|-----|---|-----------|--|--|
| | <p>Total 16.87sqm</p> <p>Duct ion Door</p> <p>1x0.90x2.10=1.89</p> <p>1x2x1.20x2.10=5.04</p> <p>Total (-)6.93sqm</p> <p>Grand Total 9.94sqm</p> | | | |
| 12. | <p>First class brick work in super structure above in plinth level up to floor five level including cost of all materials as required complete Extra for brick masonry work in triangular , square and rectangular pillar including of all materials as required complete in cement mortar 1:4 (1 cement : 4 fine sand)</p> <p>1x2x0.254x0.25x2.60=0.330cum</p> <p>1x2x0.254x0.25x2.50=0.317.00</p> | 0.647cum | | |
| 13. | <p>First class brick work in super structure above in plinth level upto floor five level including cost of all materials as required complete In cement mortar 1:4 (1 cement : 4 fine sand)</p> <p>Manger</p> <p>1x16.00x1.25x0.15=3.00cum</p> <p>1x16.00x0.381x0.75=4.572</p> <p>1x16.00x0.254x0.30=1.219</p> | 8.791cum | | |
| 14. | <p>Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering –all work up to plinth level 1:2:4 (1cement :2fine sand :4graded stone aggregate 20 mm nominal size)</p> <p>Floor</p> <p>1x 5.80x16.00x0.075=6.96cum</p> <p>Manger</p> <p>1x2x16.00x0.15x1/2(0.20+0.00)=0.48cum</p> <p>For hard wan angle</p> <p>1x56x0.25x0.25x0.25=0.875cum</p> | 8.315cum | | |
| 15. | <p>12 mm cement plaster in single layer including cost of materials required and finishing even and smooth and curing complete in cement mortar 1:4 (1cement :4fine sand)</p> <p>Manger divider</p> <p>1x20x0.60x0.73=8.76sqm</p> <p>Manger</p> <p>1x16.00x2.03=32.48</p> <p>1x16.00x1.00=16.00</p> <p>For Hard awn</p> <p>1x2x18.00x 0.75=27.00</p> <p>1x23.00x0.75 =17.25</p> <p>1x15.0 x0.75=11.25</p> <p>Ramp</p> <p>1x2x15.00 x1/2(0.25+0.15)= 6.00</p> <p>Wall</p> <p>1x2x2x6.30x1/2(2.70+2.30)=63.00sqm</p> <p>Total - 181.74 sqm</p> <p>Deduction for Door</p> <p>1x2x1/2x0.90x2.10=1.89</p> <p>1x2x2x1/2x1.20x2.10=5.04</p> <p>Total - (-)6.93sqm</p> | 174.81sqm | | |
| 16. | <p>Neat cement punning (Qty as item no.15)</p> | 174.81sqm | | |

| | | | | |
|------|---|------------|--|--|
| 17. | <p>Reinforced cement concrete work in beams, suspended floors , roofs having slope up to 15 degree landing, balconies slaves, chajjas, lintels bands, plain window sills staircases and spiral stair cases up to floor five level excluding the cost of centering, stuttering, finishing and reinforcement – RCC work in suspended floors ,roofs having slope up to 15 degree balconies, shelves and chajjas 1:2:4 (1cement :2 fine sand :4graded stone aggregate 20 mm nominal size)</p> <p>1x1.10x0.45x1/2(0.15+0.10)=0.061cum 1x2x1.40x0.45x1/2(0.15+0.10)=0.157cum</p> <p>RCC work in beams, lintels, bands, plain window sills staircases and spiral stair cases excluding pre cast spiral staircase 1:2:4 (1cement :2 fine sand :4graded stone aggregate 20 mm nominal size)</p> <p>1x2x5.80x0.125x0.15</p> | 0.218cum | | |
| | | 0.217cum | | |
| 18. | <p>Reinforcement for R.C.C work including straightening, Cutting, bending, placing in position and binding all Complete up to floor five level Thermo mechanically treated bar/cold twisted deformed steel bars.</p> <p>1x Qty as item no.17 (0.218+0.217) cum x70kg/cum</p> | 30.45kg | | |
| 19.. | <p>Providing structural steel work in single section fixed with or without connection plate including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete ad required.</p> <p>Equal Angle –Size 45x45x5mm 1x56x1.50=84.00m 3.40kg/m 285.60kg</p> <p>Plate- Size 45x5mm 1x56x0.90= 50.40m 1.80kg/m 90.72kg</p> <p>Plate- size 25x5mm Horizontal 1x4x74.00=296.00m Vertical 1x2x56x0.90=100.80m 396.80m 1.00kg/m 396.80kg</p> | 773.120kg | | |
| 20. | <p>Steel work welded in built up section/framed work in/c cutting hoisting fixing in position and applying a priming coat of approved steel primer using steel etc complete as required: In grating ,frames guard bar ,railing, brackets, gates and similar works, all complete</p> <p>D1=1x0.900x2.10=1.89sqm D2= 1x2x1.20x2.10=5.04sqm Total : 6.93sqm 30kg/sqm</p> | 207.90kg | | |
| 21. | <p>Providing steel work in built up tubular trusses in/c cutting hoisting, fixing in position and applying a priming coat of approved steel primer, welded and bolted in/c special shaped washers etc. Complete as required. Hot finished seamless type tubes</p> <p>Tie 59.70mm(OD) 1x8x6.30=50.40m 5.03kg/m 253.512kg</p> <p>Purlin 42mm (OD) 1x4x16.30=65.20m 3.10kg/m 202.120kg</p> | 455.632kg | | |
| 22. | <p>Providing corrugated G.S sheet roofing including vertical /curved surface fixed with polymer coated J or L hooks , bolts and nuts 8 mm diameter with bitumen and G.I limpet washers or with G.I limpet washers filled with white lead and including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/vertical or curved surfaces) excluding the cost of purloins, rafters and trusses and including cutting to size and shape wherever required.</p> <p>0.63mm thick with zinc coating not less than 275gm/m² 1x16.50x6.45</p> | 106.425sqm | | |

| | | | | |
|-----|---|---------------------------------------|-----------------|--|
| 23. | Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75Kg. per /Sqm to window frames etc . Including 62x19 mm beading of <i>gamair</i> wood. Hard awn- 1x74.00x0.90 | 66.60sqm | | |
| 24. | Painting with synthetic enamel paint (two or more coats) of required colour of approved brand and manufacture on new work to give an even shade over an under coat of suitable shade with ordinary paint of approved brand and manufacture 1x0.90x2.10=1.89sqm 1x2x1.20x2.10=5.04sqm | 6.93sqm | | |
| 25. | Providing and fixing CP brass shower rose with 15 or 20mm inlet 150mm diameter | 10nos | | |
| 26. | Providing and fixing G.I pipes complete with GI fittings and clamps, incl. cutting and making good the walls etc .-Internal work -Exposed on wall 15 mm dia .nominal bore 1 x 50.00m 25mm dia nominal bore 1x 30.00m | 50.00m 30.00m | | |
| 27. | Providing and fixing CP brass bib cock of approved quality conforming to IS 8931 15mm nominal bore 1x10 Nos. | 10nos | | |
| 28. | Providing and fixing brass stop cock of approved quality. 15mm nominal bore 1x10 Nos. | 10nos | | |
| 29. | Finishing walls with acrylic smooth exterior paint of required shade of approved brand and manufacture on new work(two or more coats applied @1.67 kg/10 sqm)over and in/c base cote water proofing cement paint applied @ 2.20kg/10 sqm | 80.00sqm | | |
| 30. | Centering shuttering in/c stuttering, propping etc. and removal of form work for: Foundations, footings, bases for columns etc. for mass concrete with timber plank. 1x2x56x0.25x0.25 Lintels, beams plinth beams girders bressumers and cantilevers with wooden plank. 1x2x5.80x0.15 Weather shade <i>chajjas</i> corbels etc including edges 1x1.30x0.55=0.71sqm 1x2x1.60x0.55=0.157cum | 7.00sqm 1.74sqm 0.86sqm | | |
| | | | Total Rs | |

Quoted price Rs..... (Rupees
.....) only.

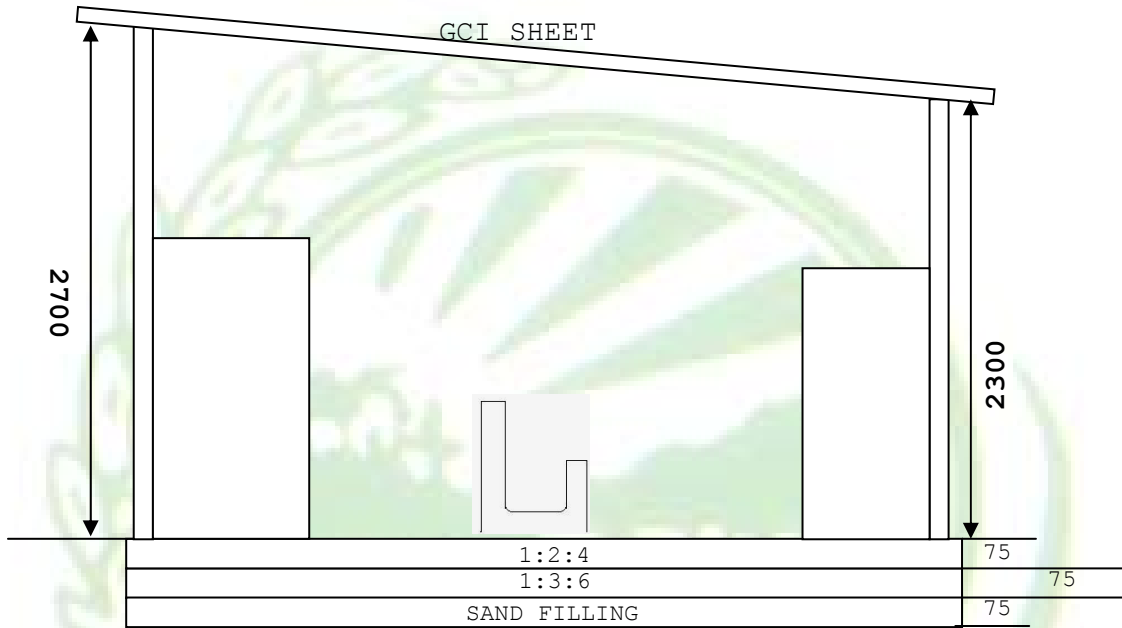


Signature of Tenderer

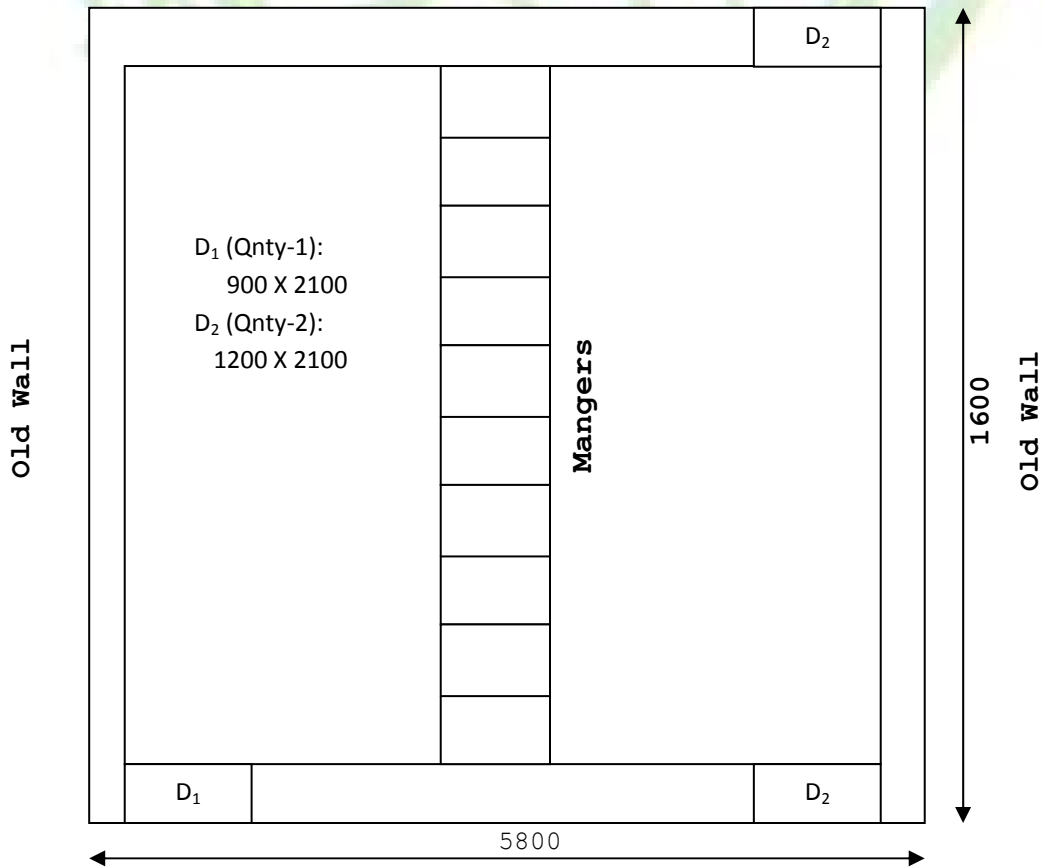
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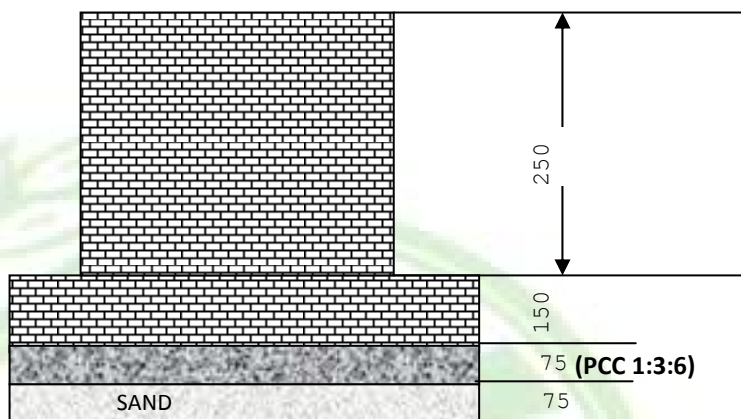
Seal

CONSTRUCTION DRAWING OF BUFFALO SHED AT ICAR, TRIPURA CENTRE



ELEVATION





BRICK FONDATION

