



No. RC/TC(C-4)/2011/MS/Pt.III/1070

October 15, 2013.

NOTICE INVITING TENDER

On behalf of the Joint Director, ICAR (RC), Tripura Centre, **SEALED** tenders for 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 to be executed	Estimated cost (Rs.)	Earnest money	Cost of Tender Paper	Closing date of receiving tenders
1.	Repairing of Poultry Building/Laboratory, Phase-I	2,26,448.00	11,300.00	1000.00	30 th October 2011 up to 2-30 P.M.
2.	-do- Phase-II	28,761.00			
3.	-do-, Phase-III	1,86,376.00			
4.	-do-, Phase-IV	1,24,369.00			
	Total estimated cost	5,65,954.00			

Terms & conditions:

1. The cost of Tender Paper @Rs.1000/- only has to be submitted in the form of A/c payee DD/Banker's Cheque in favour of the Joint Director, ICAR, Tripura Centre. **The tenders are to be submitted separately for each of the above estimate.**
2. EMD for the stipulated amount as shown above, in the form of **Deposit-at-Call/DD** in favour of the Joint Director, ICAR, Tripura Centre to be enclosed along with the tender.
3. The validity of the tender should be for one year from the date of approval.
4. The Joint Director, ICAR, Tripura Centre reserves the right to accept and/or reject any tender including the lowest one (s) without assigning any reason thereof.
5. The successful bidder has to initiate the awarded work within 7 (seven) days and to be completed approximately by 45 (forty five) days from the date of commencement. However, one time extension for 15/20 days of time for completion of the above works may be allowed
6. The received tenders may be opened on the date & time of closing date as shown above, if possible.
7. All sorts of papers/documents like ITC, PTC, Enlistment, PAN card etc. should be accompanied with the tender.
8. Detailed tender notice etc. together with the **Tender Papers** may be downloaded from our website <http://www.tripuraicar.gov.in>

Asstt. Adm. Officer
ICAR (RC), Tripura Centre, Lembucherra

From:

Date:.....

To

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

Sub: Submission of Tender for 'Repairing of poultry building & laboratory, Phase I, II, III & IV under the AICRP on Poultry Scheme at ICAR (Res. Complex) Tripura Centre.

Ref: Your tender Notice 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)

Contd...(2)

-: 2 :-

4. An A/c Pay Demand Draft/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/DD 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 witness
bidder

Signature of the

Address

Date & Seal

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 'Establishment of Tissue Culture Laboratory at ICAR, Tripura Centre under the CSS-TM (MM-I) project'.

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 of the bidder with seal

DETAILED ESTIMATE No.1

Name of the work : Repairing of Poultry Building/ Laboratory (Phase -I)
 Division : Poultry
 Place : ICAR Research Complex for NEH Region, Tripura
 Rate : Tripura Schedule Rates 2011, PWD (Building Works)
 Total estimated cost : **Rs. 2,26,448.00**

Item No	Particulars	Quantity	Rate (Rs)/ Unit	Amount (Rs)
A	B	C	D	E
1. SH-14 P-5 Item - 14.22	Dismantling doors windows and clerestory windows (steel or wood)shutters in/c chowkhats , Architrave, hold fasts etc. complete in/c stacking of serviceable materials and unserviceable materials separately with all lifts and up to a lead of 50m etc. complete as per direction of the engineer-in-charge. Of area 3 sqm below D ₁ 1x3=3nos W 1x 9=9nos W ₁ 1x2=2nos V 1x3=3nos	17no's		
SH-14 P-5 Item - 14.22	Of area beyond 3sqm D - 1x4=4nos	4nos		
2. SH-16 P-04 Item - 16.1.1.1	Providing and fixing aluminum works for doors, windows ventilators, stairs railing in/c hand rail and partitions with extruded built up standard tubular section /appropriate z sections other section of approved make conforming to IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners in/c necessary filling up of gapes at junctions ,a t top, bottom and sides with required PVC/neoprene felt etc. aluminum sections shall be smooth, rust free , straight, mitred and jointed mechanically wherever required in/c cleat angle, aluminum snap beading for glazing/ paneling, C.P. brass /stainless steel screw, all complete as per architectural drawing and the direction of the engineer-in-charge.(glazing and paneling to be paid for separately):- For fixed portion of approved quality:- Anodized aluminum (Anodized transparent or dyed to required shade according to IS 1868 minimum anodic coating of grade AC15) D 1x4x1.25x2.40=12.00sqm D ₁ 1x1.00x2.40=2.40sqm Qut for door 14.40sq @ 5.00kg/sqm 72.00kg W 1x9x1.20x1.50=16.20sqm W ₁ 1x2x0.75x1.50=2.25 V 1x3x1.25x0.30=1.12 Qut for window 19.57 @ 4.10 kg = 80.23kg Total - 152.23kg	152.23kg		
3. SH-16P- 04 Item - 10.1.2.1	For shutter /sliding shutter of door windows &ventilator in/c providing and fixing hinges/pivots/rollers and making provision for fixing fitting wherever required in/c the cost of neoprene gasket required of approved quality (fitting shall be paid for separately)Anodized aluminum (Anodized transparent or dyed to required shade according to IS 1868 minimum anodic coating of grade AC15) D 1x4x1.25x2.40=12.00sqm D ₁ 1x1x1.00x2.40=2.40sqm Qut for window 14.40 sqm @10.00kg/sqm 144.00kg W 1x9x1.20x1.50=16.20sqm W ₁ 1x2x0.75x1.50=2.25	241.85kg		

	V 1x3x1.25x0.30=1.12 Qut for window 19.57 sqm @5.00kg/sqm 97.85 kg Total - 241.85kg			
4. SH-16 P-5 Item - 16.3.1	Providing and fixing glazing of approved quality in aluminum doors, windows, ventilators, shutters and partition frames with PVC/neoprene gasket etc. complete as per architectural drawing and the direction of the engineer-in-charge. -With glass/float glass panes of 4mm thickness (weight not less than 10.00kg/sqm) W 1x9x1.20x1.50=16.20sqm W ₁ 1x2x0.75x1.50=2.25sqm V 1x3x1.25x0.30=1.12sqm Total - 19.57sqm With glass/float glass panes of 5.5mm thickness (weight not less than 13.50kg/sqm) D 1x4x1.25x1.20=6.00sqm D ₁ 1x1x1.00x1.20=1.20sqm Total - 7.20sqm	19.57sqm 7.20sqm		
5. SH-16 P-05 Item - 16.2.2	Providing and fixing 12mm thick prelaminate three layer medium density (exterior grade) particle board grade I type conforming to IS: 12823 bonded with phenol formaldehyde synthetic resin of approved brand and manufacture in paneling fixed in aluminum doors window shutters and partition frame with CP brass /stain less screw all complete as per architectural Drawing and direction of the engineer-in-charge. Pre laminated particle board of approved quality with decorative lamination on both side D 1x4x1.25x1.20=6.00sqm D ₁ 1x1x1.00x1.20=1.20sqm Total - 7.20sqm	7.20sqm		
6. SH-08P-32 Item - 8.81	Providing and fixing IS: 3564 marked aluminum die cast body tubular type universal hydraulic door closer with necessary accessories and screws etc complete 1x4=4nos	4nos		
7. SH-08P-29 Item - 8.99.2	Providing and fixing aluminum hinging floor door stopper ISI marked anodized (Anodic coating not less than grade AC 10 as per IS 1868)transparent or dyed to required colour and shade with necessary accessories and screws etc complete Twin rubber stopper 1x5=5nos	5nos		
8. SH-08P-29 Item - 8.95.2	Providing and fixing aluminum tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS:) 1858 transparent or dyed to required colour or shade with necessary screws etc. complete (size)250x10mm 1x2x5=10nos	10nos		
9. SH-08P-31 Item - 8.94	Providing and fixing aluminum sliding door bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete. (size) 300x16mm 1x5=5nos	5nos		
10. SH-08P-31 Item - 8.97	Providing and fixing aluminum handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour or shade with necessary screws etc. complete. 125mm 1x10=10nos	10nos		
11. SH-16P-08 Item - 16.15	Providing and fixing 100mm brass lock (best make of approved quality) with 6 levers without pair of handles for aluminum door in/c necessary cutting and making good etc complete as per direction of the engineer-in-charge. 1x5=5nos	5nos		

DETAILED ESTIMATE No. 2

Name of the work : Repairing of Poultry Building/ Laboratory (Phase -II)
Division : Poultry
Place : ICAR Research Complex for NEH Region, Tripura
Rate : Tripura Schedule Rates 2011, PWD (Building Works)
Total estimated cost : Rs. 28761.00

Item No	Particulars	Quantity	Rate (Rs)/ Unit	Amount (Rs)
A	B	C	D	E
1. SH-13 P-08 Item - 13.24	Removing dry /oil bound distemper by scrapping, sand papering and preparing the surface smooth & repairs to scratches etc as required. Bathroom I : $1 \times 2(1.55+2.80) \times 1.15=10.00\text{sqm}$ Bath room -II : $1 \times 2(2.80 + 1.90) \times 1.15 =10.81$ Room wall : $1 \times 2(12.00+5.85) \times 2.35=83.89$, $1 \times 2(4.30+2.80) \times 3.15=44.73$ & $1 \times 2(5.30+2.80) \times 3.15=51.03$ Roof for all rooms& Veranda $1 \times 12.00 \times 5.85=70.20$, $1 \times 4.30 \times 2.80=12.04$, $1 \times 5.30 \times 2.80=14.84$. $1 \times 20.00 \times 3.25=65.00$ & $1 \times 16.00 \times 1.80=28.80$ Total 391.34sqm	391.34sqm		
2. SH-12P- 07 Item - 12.26	Applying one coat of cement primer of approved brand and manufacture on wall surface complete. Qty as item no 1	391.34sqm		
3. SH-13 P-10 Item - 13.37	Wall painting with plastic emulsion paint (one or more coats)of required colour of approved brand and manufacture on old work to give an even shade in/c preparation of surface as required complete as per direction of the engineer-in-charge. Qty as item no 1	391.34sqm		
4. SH-12 P-10 Item - 12.43	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 Open $1 \times 4 \times 2.80 \times 2.10=23.52\text{sqm}$ W $1 \times 9 \times 1.20 \times 1.50=16.20$ W ₁ $1 \times 2 \times 0.75 \times 1.50=2.25$ V $1 \times 3 \times 1.25 \times 0.30=1.12$ Total 40.09 sqm	43.09sqm		
			Total Rs	
(In figure)				

Signature of the Contractor

Date & Seal

DETAILED ESTIMATE No.3

Name of the work : Repairing of Poultry Building/ Laboratory (Phase –III)
 Division : Poultry
 Place : ICAR Research Complex for NEH Region, Tripura
 Rate : Tripura Schedule Rates 2011, PWD (Building Works)
 Total estimated cost : **Rs. 186376.00**

Item No	Particulars	Quantity	Rate (Rs)/ Unit	Amount (Rs)
A	B	C	D	E
1. SH-14 P-5 Item - 14.22	Dismantling old plaster or pointing, ranking out joints , cleaning and preparing the surface for re-plastering or re-pointing in/c disposal of rubbish to the dumping ground with all leads and lifts etc complete as per direction of the engineer-in-charge Hall room $1 \times 2(12.00 + 5.85) \times 0.90 = 32.13\text{sqm}$ Bath/toilet/basin $1 \times 2 (2.80 + 1.65) \times 2.10 = 18.48\text{sqm}$ $1 \times 2 (2.80 + 1.90) \times 2.10 = 19.74\text{sqm}$ $1 \times 2 \times 1.00 \times 1.50 = 3.00$ Total 73.35sqm Deduction -Door $1 \times 2 \times 1.25 \times 0.90 = 2.25\text{sqm}$ $1 \times 1.00 \times 0.90 = 0.90$ $1 \times 0.76 \times 0.90 = 0.68$ Bath Door PVC $1 \times 2 \times 0.76 \times 2.10 = 3.19$ (-) 7.02sqm Total 66.33sqm	66.33sqm		
2. SH: -10 P-12 Item - 10.41. 2	Providing and laying polished 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 of approved make in all colours over 20mm thick bed of cement mortar 1:4(1crment:4 fine sand) joined with ordinary cement slurry in/c pointing with white cement mixed with pigment of matching shade complete. Hall room $1 \times 12.00 \times 5.85 = 70.20$; Officer room $1 \times 4.30 \times 2.80 = 12.04$ Room - 1 - $1 \times 5.30 \times 2.80 = 14.84$ Total 97.08sqm	97.08sqm		
3. SH-10 P-12 Item - 10.41.2	Deduct for not using 20mm thick cement mortar 1:4(1crment:4 fine sand) bedding in laying of floor tiles. Qty as item no. 2	97.08sqm		
4. SH-10 P-13 Item - 10.43	fixing glazed/ceramic/ vitrified floor tiles with cement based high polymer modified quick set tile adhesive(water base) conforming to IS: 15477 using 5kg adhesive per sqm of tile area in average 3mm thickness. Qty as item no. 2	97.08		
5. SH-10 P-4 Item - 10.2.3	Providing and laying flat brick flooring in cement mortar in/c cement slurry etc complete. In cement mortar 1:6(1crment : 6 fine sand) Bath room I : $1 \times 2.80 \times 1.65 = 4.62\text{sqm}$ Bath room -II : $1 \times 2.80 \times 1.90 = 5.32\text{sqm}$	9.94sqm		
6. SH:04P -3 Item- 4.1.3	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) Bath room I : $1 \times 2.80 \times 1.65 \times 0.07 = 0.323 \text{ cum}$ Bath room -II : $1 \times 2.80 \times 1.90 \times 0.07 = 0.372 \text{ cum}$	0.695cum		
7. SH-10 P-11 Item -	Providing and fixing 1st quality ceramic glazed floor tiles 300x300mm conforming to IS: 15622 (thickness to be specified by the manufacturer) of approved make in colours ,shades such as white ivory, grey, fume red ,brown over 20mm thick bed of cement mortar 1:4(1crment:4 fine sand) joined with	9.94sqm		

10.37	ordinary cement slurry in/c pointing with white cement mixed with pigment of matching shade complete. Qty as item no. 5			
8. SH-10 P-11 Item - 10.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of make in all colours ,shades except burgundy ,bottle green ,black of any size as approved by engineer-in-charge in skirting ,risers of steps and dados over 12mm thick bed of cement mortar 1:3(1crment:3fine sand) joined with ordinary cement slurry in/c pointing with white cement mixed with pigment of matching shade complete. Qty as item no. 1	66.33sqm		
Total Rs				
(In figure)				

Signature of the Contractor

Date & Seal

DETAILED ESTIMATE No.4

Name of the work : Repairing of poultry building (phase -IV)
 Division : Poultry
 Place : ICAR Research Complex for NEH Region, Tripura
 Rate : Tripura Schedule Rates 2011, PWD (Building Works)
 Total estimated cost : **Rs. 124369.00**

Item No	Particulars	Quantity	Rate (Rs)/ Unit	Amount (Rs)
A	B	C	D	E
1. SH-14 P-5 Item - 14.22	Dismantling old plaster or pointing, ranking out joints , cleaning and preparing the surface for re-plastering or re-pointing in/c disposal of rubbish to the dumping ground with all leads and lifts etc complete as per direction of the engineer-in-charge 1x15.00x3.00=75.00 1x6.00x3.10=18.60 Total 93.60 sqm	93.60sqm		
2. SH-12 P-4 Item - 12.12	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 :4 fine sand) Qty as item no 1	93.60sqm		
3. SH-13 P-04 Item - 13.1.2	Repairs to plaster of thickness 12mm to 20mm in pitches of area 2.5 sqm and under in/c cutting the patch in proper shape and preparing and plastering the surface of the wall complete in/c disposal of rubbish to the dumping ground with all leads and lifts in/c finishing even and smooth and curing complete as per direction of the engineer-in-charge 1x5x3.00x1.50=22.50sqm	22.50sqm		
4. SH-08 P-23 Item - 8.46.2	Providing and fixing MS grill of required pattern in frames of windows etc with MS flats, square or round bars etc all complete. Fixed to opening /wooden frames with rawl plugs screws etc. Opening 1x4x2.80x2.10=23.52sqm W 1x9x1.20x1.50=16.20 W ₁ 1x2x0.75x1.50=2.25 V 1x3x1.25x0.30=1.12 Total 43.09sqm 15.00kg/sqm 646.35kg	646.35kg		
5. SH-18 P-10 Item - 18.2.1	Providing and fixing white vitreous china pedestal type water closet (European type W.C .pan)with seat and lid, 10 liter low level white P.V.C flushing cistern with manually controlled device (handle lever)conforming to IS: 7231,with all fittings and fixtures complete in/c cutting and making good the walls floors wherever require: WC pan with ISI marked white solid plastic seat and lid. 1x1=1nos	1nos		
6. SH-18 P-12 Item - 18.7.2	Providing and fixing wash basin with C.I brackets,15mm CP brass waste of standard pattern in/c painting of fittings and brackets, cutting and making good the walls wherever require: White vitreous china wash basin size 630x450mm with a single 15mm C.P brass pillar taps. 1x4 = 4nos	4 nos		
7. SH-18 P-12 Item - 18.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings. 1x4 = 4nos	4 nos		
8. SH-18 P-10 Item - 18.1.1	Providing and fixing water closet squatting pan (Indian type W.C .pan)with 100mm sand cast iron P or S type , 10 liter low level white P.V.C flushing cistern with manually controlled device (handle lever)conforming to IS: 7231,with all fittings and fixtures complete in/c cutting and making good the walls floors wherever require: White vitreous china orrisa pattern WC pan of size 580x440mmwith integral	1nos		

	type foot rest . 1x1=1nos			
9. SH-18 P-24 Item - 18.73. 2	600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighting not less than 190grms. 1x2=2 nos	2nos		
10. SH-18 P-16 Item - 18.32. 3	Providing and fixing mirror of superior glass (of approved quality) and required shape and size with plastic moulded frame of approved make and shade with 6mm thick hard bored backing Oval shape 450x350mm(outer dimension) 1x1= 4 nos	4 nos		
11 SH-18 P-16 Item - 18.34. 1	Providing and fixing toilet paper holder: C.P. brass 1x2=2nos	2 nos		
12. SH-18 P-24 Item - 18.73. 2	Providing and fixing PTMT towel ring trapezoidal shape 215mmlong 200mm wide with a minimum distances of 37mm from wall face with concealed fitting arrangement of approved quality and colours , weighting not less than 80grms 1x2=2 nos	2 nos		
13. SH-19 P-27 Item - 19.65	Providing and fixing PTMT soap dish holder having length of 138mm, breath 102mm height 75mmwith concealed fitting arrangements weighing not less than 106gm. 1 x 4 = 4 nos	4 nos		
14. SH:19 P-16 Item- 19.10. 1 and SH:19 P-16 Item- 19.10. 3	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 1x2 x 8 = 16.00m 25mm dia nominal bore 1x 40.00= 20.00m	16.00m 20.00m		
15. SH-19 P-25 Item - 19.52. 1	Providing and fixing C.P brass stop cock(concealed) standard design and of approved make conforming to IS: 8931 15mm nominal bore 1x2=2nos	2 nos		
16. SH19 P - 25 Item - 19.53. 1	Providing and fixing CP brass angle valve for basin mixer and geyser points of approved quality conforming to IS :8931 15mm nominal bore 1x6= 6nos	6 nos		
17. SH-19 P-18 Item 19.21. 2.1	Providing and fixing uplasticised PVC connection pipe with brass unions. 45cm length 15mm nominal bore 1x6=6 nos	6nos		
18. SH:19 P-25 Item- 19.49	Providing and fixing CP brass bib cock of approved quality conforming to IS 8931 15mm nominal bore 1x10= 10 nos	10nos		
19. SH:19 P-19 Item- 19.22. 2	Providing and fixing CP brass shower rose with 15 or 20mm inlet 150mm diameter 1x10= 10 nos	10nos		

20. SH-06 P-4 Item - 6.12.3	Half brick masonry work with first class bricks in superstructure up to floor five level including cost of all materials as required complete in cement mortar 1:4 (1cement : 4 fine sand) 1x15.00x0.90=13.50sqm	13.50sqm		
21.	Providing and fixing 110mm dia rigid PVC pipes of minimum wall thickness 3mm & working pressure 4kg/cm ² complete with necessary fitting & cement solvent joints. L.S = 1x10.00=10.00m	10.00m		
22.	Providing and fixing 90 mm dia rigid PVC pipes of minimum wall thickness 2.6mm & working pressure 4kg/cm ² complete with necessary fitting & cement solvent joints. L.S - 1x15.00=15.00m	15.00m		
23.	Providing and fixing PVC bands 45 and 90 (both end socketted) suitable for complete with necessary fitting & cement solvent joints. 90mm dia 1x10= 10 nos 110mm dia 1x5=5 nos	10 nos 5 nos		
24.	Providing and fixing PVC equal tees (all ends socketted) suitable for complete with necessary fitting & cement solvent joints. 90mm dia 1x5=5 nos 110mm dia 1x5=5nos	5 nos 5nos		
25.	Providing and fixing on wall face unplesticised PVC moulded fitting/accessories to IS: 13592 type a in/c jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion. coupler 110mm 1x10=5 nos single equal tee with door 110x110x110mm 1x3=3nos	5nos 3nos		
Total Rs				124369.00
(Rupees one lakh twenty four thousand three hundred sixty nine)only				

Signature of the Contractor

Date & Seal