



## **Institute of Physics**

**(An autonomous research Institution of Dept. of Atomic Energy, Govt. of India)**

Po: Sainik School, Bhubaneswar-751 005, India

Tel: (0674)300637, 301058, 301823 Fax: (0674) 300142

Web:<http://www.iopb.res.in>

**TENDER SCHEDULE  
FOR  
FIXING OF TERRACOTTA TILES ON THE TOP  
OF THE ROOF AND FALSE CEILING WORK TO  
E-1 TYPE QTRS.**



# Institute of Physics

Bhubaneswar - 751005, India

(परमाणु ऊर्जा विभाग, भारत सरकार का एक स्वयं शासित अनुसंधान संस्थान)  
(An autonomous research institution of Dept. of Atomic Energy, Govt. of India)

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No. 1341 /IP

July 16, 2010

## TENDER CALL NOTICE

Sealed tenders are invited from the Government registered "C" and above class contractors for taking up the work, "Fixing of Terracotta tiles on the top of the roof and false ceiling work etc. to E-1 type Qtrs." in the Institute.

Name of the work	Estimated cost	Cost of tender paper	Class of Contractor	EMD required for the work	Time for completion
Fixing of Terracotta tiles on the top of the roof and false ceiling work to E-type Qtrs.	Rs.6,32,497/-	Rs.400/-	"C" and above	Rs.15,800/-	90 days

The tender documents may be purchased from the office on payment of Rs.400.00 (Rupees four hundred only) (non refundable) by cash during the office hours from 10.00A.M. - 1.00P.M. on working days only.

In case the tender documents are downloaded, then the contractor will have to pay the cost of the tender paper in shape of D.D/pay order amounting to Rs.400.00 (Rupees four hundred only) (Non refundable) drawn in favour of Director, Institute of Physics, BBSR.

The estimated cost of the work is Rs.6,32,497/- (Rupees six lakh thirty two thousand four hundred ninety seven only)

Last date of sale of Tender Paper is 23<sup>rd</sup> July 2010 upto 1 P.M

The tender papers will be received upto 3.00P.M. on 23<sup>rd</sup> July 2010 and will be opened on the same day at 4.00 P.M.

Contd.P/2

The tender paper should accompany with the following documents at the time of submission.

- a) Proof of registration with Govt./Semi Govt. organizations like CPWD, State PWD/Railway etc. in appropriate class, PAN card, VAT Clearance certificates etc.
- b) Experience having successful completion of similar nature of work of similar amount during last 3 years.
- c) List of similar works in hand or works carried by them during last 3 years.
- d) EMD amounting to Rs.15,800/- (Rupees fifteen thousand eight hundred only ) in shape of demand draft or bankers cheque ,drawn in favour of the Director, Institute of Physics, Bhubaneswar

In the absence of any of the documents listed above the tender papers will not be entertained.

Note :- 1) The tenderer is required to go through the tender documents in detail and visit the work site to make himself conversant regarding the work before filling up the tender paper.

2) The authority reserves the right to reject any or all tenders without assigning any reason thereof.

  
**REGISTRAR**





## PREAMBLE

### **Name of the Work:- Fixing of Terracotta tiles on the top of the roof and false ceiling work to E-1 type Qtrs.**

- 1) The estimated cost of the above work is Rs.6,32,497.00 (Rupees six lakh thirty two thousand four hundred ninety seven only)
- 2) The contractors are deemed to have inspected the site and to have investigated the conditions under which the work has to be executed. No claim of any kind shall be entertained on account of ignorance in this respect.
- 3) The contractors should have adequate and effective organisation for communications with the Engineer-in-charge, Institute of Physics, Bhubaneswar.
- 4) Tender should be signed by persons duly authorised to do so and if required such authority (Power of attorney etc) shall be furnished to the Director.
- 5) Neither the security deposit nor the retention money shall bear any interest.
- 6) The tenders must be filled in ink and in a legible way. Over writing should be avoided. All corrections must be attested by the tenderer with his initials before submission of the tender.
- 7) Tenders proposing any alterations in the work or specifications or in the form of tender or in any other conditions are liable to rejection.
- 8) This is an item rate tender. Payment will be made to the Contractor as per actual measurement.
- 9) The rate should be filled in figure and in words. The amount and the totals should also be drawn.
- 10) If the rate in figure differ from the rate in words then the rate corresponding to the calculated amount shall be taken as correct. If the calculated amount does not tally with any of the two rates then the lower of the two rates shall be accepted and the amount shall be corrected.
- 11) Sales Tax, Octroi or any other tax on materials in respect of this contract shall be payable by the contractor.

- 12) **10% of the work value will be kept as security money, which will be deducted from the payments against this work and will be refunded back after 6 months of successful completion of the work.**
- 13) Payment will be made as per actual measurement submitted by you after checking the measurement physically by the Engineer-in-charge and payment of the bills will be made within 10 days of the checking of the bills by the Engineer-in-charge.
- 14) The total time allowed for the completion of the work is strictly for 90 days from the date of receipt of Work Order.
- 15) Income tax, work contract tax other statutory taxes as may be applicable will be deducted on all the payments made to you.
- 16) The rates quoted by you will remain firm within  $\pm 10\%$  of variation in quantity of any item.
- 17) On the recommendation of the Engineer-in-charge based on the workmanship, quantity and quality of work done the bill will be passed for payment.
- 18) The acceptance of tender will rest with the Director, Institute of Physics, Bhubaneswar. The Director does not bind himself to accept the lowest tender and reserve the authority to reject any or all the tenders without assigning any reason and reserve the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted. All tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable for rejection.
- 19) The employer does not undertake any responsibility regarding any instructions issued verbally in respect of this tender. All questions relating to the tender shall be referred to the Director in writing. The Director shall there upon issue a common circular to all tenders, if necessary.
- 20) The amounts to be calculated against various items shall be in terms of whole rupees, less than fifty paise being ignored and fifty paise and above being rounded to the next rupees.

**Signature of the tenderer with seal**



## SCHEDULE OF CONDITIONS

### **Name of the Work:- Fixing of Terracotta tiles on the top of the roof and false ceiling work to E-1 type Qtrs.**

- 1) General: The Contractor shall forthwith in a good substantial and workman like manner, to the satisfaction of the Institute, build and complete the work at Bhubaneswar.
- 2) Date of completion: The Contractor shall actively prosecute the execution of completion of the work to the satisfaction of the Director. The work specified above shall be in all respect complete on or before 90 days from the placement of the order.
- 3) Materials: The Contractor shall provide at his own cost all materials specified in the bills of quantities (with exception of those otherwise mentioned in the specifications) and all labour, tools and plants scaffolding and other implements of every description necessary for execution and completion of the work. All materials to be supplied by the contractor shall be the best of their respective kinds and subject to be approved by the Director.
- 4) Sub-Contractor: The Contractor shall not assign or sublet the contract for the work or any part thereof.
- 5) Removal of equipment: The Contractor shall, at his own expenses, within one week from the completion date, remove all tools, plants, scaffoldings, implements and unused materials from the site and leave the same in a clean and proper state, to the satisfaction of the Director.
- 6) Inspection of works: The Contractor shall allow the Engineer-in-charge to inspect and supervise the work during its progress.
- 7) Defective work & rejections: The Contractor shall within 24 hours of notice so to do forth with pull down and rebuild any part of the work which has not been erected, build or completed to the satisfaction of the Director or which is in the opinion of the Director, defective or not in accordance with the specification or the plans.
- 8) Alternation or Deviations: The Institute may at any time during the progress of the work by order in writing make any alteration in the original specifications or plans by way of addition, omission or other deviation the reform whereupon the

Contractors shall execute the work according to such alterations to the satisfactions of the Director.

- 9) Additions & Deductions: All additions and deductions to be made to or from amount of the contract price in respect of any such alteration in the specifications or plans shall be ascertained according to the rates specified in the bill of quantities (provided that if appropriate rates are therein specified, they shall be fixed by mutual agreement between the parties) and the difference of expenses occasioned by any such alteration shall be added to or deducted from the contract price. No payment or allowance whatsoever shall be made to the Contractor for any work done or materials used without a previous order, in writing from the Director.
- 10) Measurement of work: The work as it proceeds will be measured net exposed measurements. The Contractors or his representative will accompany the Engineer-in-charge in order that they agree on the measurements. The measurement book can also be examined at the office of the Director before payment is made.
- 11) Precautions against accident: The contractor shall, at all times, take due and proper precautions against accidents or injury to the work or any person or property, and shall indemnify the company for all motions suits or any damage or compensation payable in consequence of any accident or injury sustained by any workman or other person whether in the employment of the Contractor or not.
- 12) Failure to prosecute the execution of the work: If the Contractor shall fail actively to prosecute the execution and completion of the work or shall otherwise fail to comply with any of the terms and conditions of this order, then the Institute shall be at liberty without avoiding this order forthwith, to require the Contractor to remove his workmen from the site and to take the work out of the hands of the Contractor and to employ any other person to execute and possession of, and use all materials, tools, scaffolding, plants, implements and things on or about the work, and thereafter neither the Contractor nor his workman shall have any power to intervene with any person employed by the Institute.



All expenses and damaged to property incurred by the Institute, consequent on the employment and certified by Director and shall be paid to the Institute by the Contractor or deducted by the Institute from any money due to or to become due to the Contractor.

- 13) Serving Notices: Any notice to the Contractor under this order may be served personally or by registered post addressed to the Contractor last known place of address.
- 14) Discrepancies: Should there be any discrepancies between the plans, specifications and bills of quantities the same shall be immediately referred to the Director who shall decide what shall be followed.
- 15) The work will be taken up in hands within seven days of the award of the work and shall be completed in all respect within 90 days from the date of start.
- 16) Extension of time for completion may be allowed if the Director consider that the reasons for the delay in completion of the work is beyond the control of the Contractor.

**Signature of the tenderer with seal**



## APPENDIX

**Name of the Work:- Fixing of Terracotta tiles on the top of the roof and false ceiling work to E-1 type Qtrs.**

- |    |  |   |
|----|--|---|
| 1. | Defects Liability                          | = 6 months  |
| 2. | Period of final measurement and valuation  | = Within 10days of submission of the bill by the contractor                                 |
| 3. | Date of commencement                       | = Within 7 days from the date of issue of the work order.                                   |
| 4. | Agreed liquidated damages (Penalty)        | = 0.5% per week subject to maximum of 5%  |
| 5. | Minimum value of work for interim payment. | = The minimum value of work done should not be less than Rs.1,00,000/- for interim payment. |
| 6. | Security deposit or Retention money        | = 10% of total value of work to be deducted from each payment made against this work.       |
| 7. | Payment                                    | = Within 10 days of submission of bill.   |
| 8. | Completion Period                          | = Within 90 days of commencement of the work.   |

**Signature of the tenderer with seal**

Name of the Work :-Fixing of Teracotta tiles on the top of the roof and false ceiling

work to E-1 type Qtrs.

Sl. No.	Description of items	Unit	Qty.	Unit Rate (Rs.)		Amount (Rs.)
				In figure	In word	
1	Providing and fixing of well burnt ( Raniganja tiles) of standard size including fixing of mogras as and where necessary with cement mortar (1:6) mixed with sika water proofing compound in the proposition as recommended by the the company complete with cost and conveyance of all materials and labour required for the work etc. complete in all respect as per the direction of the Engineer-in-Charge.	Sft.	5,516.06			
2	Providing and fixing of well burnt Terracotta square tiles 6" X 6" size on terace with cement mortar (1:6) mixed with sika water proofing compound in the proposition as recommended by the the company including cost and conveyance of all materials and labour required for the work etc. complete in all respect as per the direction of the Engineer-in-Charge.	Sft.	416.00			
3	Painting the inner surface of walls with two coats of oil bound distemper of approved make and approved shade after cleaning the wall surface thoroughly and making good to the damages if any by applying plaster of parish or putty as the case may be including cost and conveyance of all materials, tools and plants scarfolding and labour required for the work etc. complete in all respect as per the direction of Engineer-in-charge.	Sft.	6,334.00			



No.				(Rs.)		(Rs.)
				In figure	In word	
4	<p>Providing and fixing at all height false ceiling including providing and fixing of frame work made of special sections power pressed from M.S sheet and galvanised in accordance with zinc coating of grade 350 as per IS: 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 22 mm and 37mm at 1200 mm centre to centre one flange fixed to the ceiling with dash fastener 12.5mm dia x 40 mm long with 6mm dia bolts to the angle hangers of 25x25x0.55mm of required length, and other end of angle hanger being fixed with nut and bolts to G.I channels 45x15x0.9 mm running at the rate of 1200mm centre to centre to which the ceiling section 0.5mm thick button wedge of 80mm with tapered flanges of 26mm each having clips of 10.5mm at 450mm centre to centre shall be fixed in a direction perpendicular to G.I channel with connecting clips made out of 2.64mm dia x 230mm long G.I wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5mm thick 27mm high having flanges of 20mm and 30mm long, the perimeter of ceiling fixed to</p> <p>wall/partition with the help of rawl plugs at 450mm centre to centre with 25mm long drive-all screws @ 230mm interval including jointing and fixing to a flush finish of tapered and square edges of the board with recommended filler, jointing tapes, finisher and two coats of primer suitable for board as per manufactures specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed all complete as per the drawing and specification and direction of the Engineer-in-charge including the cost of the painting with Acrylic distemper of approved quality and shade with 12.5 MM thick tapered edge gypsum board confirming to IS:2095-Part I.</p>	Sft.	1400.00			
<b>TOTAL AMOUNT = Rs.</b>						
<b>Total Amount (in word)</b>						

N.B:-

The Contractor is required to visit the site and go in detail before coating the rate.

**Signature of the Contractor**