

**DR. A.N.KHOSLA DAV PUBLIC SCHOOL,BASANTI  
COLONY,ROURKELA**

Ref. No. DAVPS/RKL/2024-25/ 65

Dt.07.06.2024.

**QUOTATION CALL NOTICE FROM CIVIL LABOUR CONTRACTORS FOR  
CONSTRUCTION OF (G+2) STORIES OF SR. SECONDARY ACADEMIC BUILDING OF  
DR.A.N.KHOSLA DAV PUBLIC SCHOOL,ROURKELA.(TENDER DOCUMENT)**

The quotation is called for a project which is a combination of RCC framed structure, Super structure work with complete interior finishing flooring work with all other necessary works for full completion of Building having (G+2) storey with a total floor area of each floor of **35519.25 sqft** (Approx).Construction equipments, accessories and tools etc. as necessary for construction of the said building will be supplied by the contractor including concrete mixer, needle vibrator, plate vibrator, centering and shuttering materials preferably plate or ply, polyethene/ plastic sheets, covering materials, scaffolding materials etc. During execution of work, Odisha standard specification as per the schedule of Rate will be followed in case any of the above specification is not elaborate. In case of any dispute during execution of Earthwork/arbitration arise as per non-standard items and change of specification; decision of the chairman of the Building Sub-committee of the School/Manager will be final & binding.

**The following items of work are to be executed.**

The clear floor height (finished floor level to bottom of roof) for all floors will be 11'-0" except for staircase head room. These will be as per good for construction (GFC) drawings.

**The tenderer should enclose the copy of valid license, the P.F Registration No. & ESI registration No. issued by the appropriate authority.**

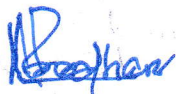
The standard specification towards said construction will be as given (but not limited to) below.

1. Excavation of Earthwork for foundation & plinth: - As per the preliminary soil testing report carried out by the architect, there will be pile foundation upto 20 feet below the natural ground level.
2. Reinforced cement concrete in columns with its base slab, pedestals, footing, tie beams, roof slab with beams on 1<sup>st</sup> floor & similar columns in Second floor with their roof & beams are included. Casting of staircase, for the said floor is also included and so also the lintels and slabs for lofts and wardrobes. Fixing of square M.S. bars in staircase and casting of



railing is also included. All concrete work is to be machine mixed, vibrated by needle and plate vibrators. The concrete work is of M25 (1:1:2) proportion and slab is 5" thick. This includes all centering materials as per the design, requirement & fixing. The vertical shuttering is to be striked off on next day and horizontal centering to be striked off after three weeks. After striking the shuttering any extra bulging in concrete work is to be chipped off to make it to the plumb.

3. Necessary Brick works in Foundation / Plinth/Super Structure are in C.M. 1:6 for 10" and above thickness and C.M 1:4 for 5" thickness wall. The bricks to be used should be thoroughly immersed in water before use. Every day's debris are to be cleaned with broom so that the frogs are cleaned from C.M. and the vertical and horizontal joints are to be grooved with straight edge. Before starting of works empty cement bags are to be put on both sides of work for collection of excess cement mortar. The excess mortar collected are to be reused every hour.
4. The plinth filling is to be made with sand and consolidated with crow bar with sufficient watering with compaction and optimum moisture content.
5. In the floor extra sand to be removed to level surface to receive 0'-3" metal concreting with 1:3:6 with  $1\frac{1}{2}$ " H.G. Metal so that the surface of the concrete to be laid by the contractor will be at the same level as Tie beam top.
6. The fixing of Door and window chowkaths (MS Frame) with 6 clamps on each door chowkaths & 4 clamps on each window chowkaths are included. The backsides of chowkaths are to be coaltarred with 2 coats of coaltar.
7. Fixing of grills on the verandahs and in windows openings wherever Aluminum windows are to be fixed is also included with smooth finishing.
8. Fixing of M.S glass frames and ventilators in walls wherever decided is also included with smooth finishing.
9. This work included  $\frac{3}{4}$ " &  $\frac{1}{2}$ " thick cement plastering both on outside and inside respectively to the lines and plumb with clear edges in C.M. 1:6 proportion. All the concrete surface to be chipped before so that the plaster can stick to it. The roof ceiling chajjas are to be chipped and to be finished with plastering in C.M. 1:4 with making of bita (groove) under chajja. Expansion joints on the building length beyond 40 meter is to be provided.
10. The plastic pipes on roof slab for electrical wiring are to be fixed by the party entrusted with the work as per the design with drop out boxes as per design before concreting.





11. The headroom of the staircase will be treated as part of the 2<sup>nd</sup> Floor and no additional payment will be allowed for this work.
12. Grading of the top roof of the building, parapet wall of the height of 2'-6" and its plastering will be treated as included in the work of the said floor and no separate payment is permissible for the said work.
  - a. Columns beyond terrace roof are to be casted up to 3 ft height with false concreting so as to help in future vertical expansion.
13. Steps are deemed to be included in all the floors including Head room floor and no separate payment for such work is permissible. Similarly, site clearance including removal of all debris is also deemed to be included.
14. Drawings and noting for specification of Building Materials for construction of the Building are available in the office which gives the dimensions for the work. For each floor the quantity can be calculated to arrive at suitable rate.
15. The school authorities reserve the right to stop construction after ground floor or 1<sup>st</sup> floor or 2<sup>nd</sup> floor in respect of the entire building or a portion thereof in which event the party will be paid only for that portion of work which is executed by him/her.
  - a. The lap length in re-bars must be provided as per standard or, direction of site Engineer In-charge.
  - b. Electrical and plumbing layout, rain water gutter draining will be provided before execution. The material statement will be computed by site I/c. The septic tank, soak pit design will be given by site I/c.
  - c. Procurement of sundry items such as nails, gunny bags, binding wire cover blocks, polythene etc. as and when required will be procured by the contractor.
  - d. The curing schedule after every civil construction will be specified by site I/c and contractor has to follow the same.
  - e. Removal of centering and shuttering items will be at the discretion of site I/c after a proper strength check.
  - f. The no. of props (bullahs) and cross bracing and its type will be specified by site I/c as per the work demand.
  - g. Any other un-foreseen activity will be jointly decided by contractor and site I/c.
16. No extra payment will be made for any construction of partition work or shelves / racks.

The tender paper which costs **Rs.1000/-** (Non-refundable) are available in the office of the **Principal, DR.A.N. Khosla DAV Public School, Rourkela** on all working days. The civil labour contractors or job workers who can



do this type of work may **submit their quotation in the office of the Principal, Dr. A.N. Khosla DAV Public School, Rourkela on or before 06.07.2024 by 02.00 pm** . The bidders are required to furnish the name of works done during last five years and its value along with the tender to convince the school authority about their credibility. The bidder has to submit the earnest money of **Rs.20,000/- (Rupees Twenty Thousand only)** along with the quotation in shape of D.D. drawn in favour of **Principal, Dr. A. N. Khosla DAV Public School, Rourkela**. The earnest money will be refunded to unsuccessful bidders within a fortnight without any interest. The successful bidder will enter into an agreement with the school for timely completion of the work. From every bill 5% security money will be deducted which will be returned after 6 months of the completion of the work. Income Tax of 1% or as applicable will be deducted from each bill.

This quotation is floated on plinth area basis. The bidders are to quote for core house concept. The quotations will be: -

- i) Rate of construction for Ground Floor: -35519.25 sqft. plinth area including excavation and filling back up to plinth level with compacted sand.
- ii) Rate of construction of 1<sup>st</sup> floor: - 35519.25 sqft. plinth area.
- iii) Rate of construction of 2<sup>nd</sup> floor:- 35519.25 sqft. plinth area.
- iv) The base area for payment will be finalised on actual area basis construction. (The area will be measured at roof level including offsets/ projection etc.)
- v) All the site supervision of the work must confirm to the complete satisfaction of Engineer I/c.
- vi) Any addition, alternation during construction will be paid extra as per actual measurement.

The payment schedule will be as per below:

**(Ground Floor)**

- |                                       |   |     |
|---------------------------------------|---|-----|
| 1. After completion upto Lintel Level | : | 40% |
| 2. After completion of roof           | : | 30% |
| 3. After completion of total work     | : | 30% |

**First Floor / Second Floor.**

- |  |   |     |
|--|---|-----|
| 1. After completion up to Lintel Level | : | 30% |
| 2. After completion up to roof casting | : | 40% |
| 3. After completion of total work      | : | 30% |



The bidders also can suggest the payment schedule in plain paper both in figure and words. In case of dispute of variation, the rates quoted in words will be considered. The time of completion is **18 months** from the date of work order/signing the Agreement.,

**Extension of Time (EoT)**

If due to reason beyond the School's control, there is delay in completion of the work in time, extension will be allowed, if due to some reason the bidder/contractor does not complete the work in time, he /she has to pay Rs.1000/- per day of delay as compensation to the school.

