



# PANSKURA BANAMALI COLLEGE

Largest Rural Based & NAAC Accredited 'A' Grade College

P.O. - PANSKURA R.S. : DIST. - PURBA MEDINIPUR

Memo. No. P.B.C./

Date : 20-10-2016.

**Sealed Quotations are invited for the following works within  
04-11-2016 upto 2-00 p.m. :**

1. Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking in spoils within a lead of 75 m. as directed. The items include necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete.
2. Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work).
  - a) With earth obtained from excavation of foundation.
  - b) With earth obtained by fresh excavation (including cost of excavation upto 1800 mm. depth) from land arranged by the Deptt. Within a lead of 100 m.
3. Filling of foundation or plinth by silver sand in layers not exceeding 150 mm. as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (Payment to be made on measurement of finished quantity)
4. Dismantling all types of masonry excepting cement concrete plain or reinforced, staking serviceable materials at site and removing rubbish as directed within a lead of 75 m.
  - a) In ground floor including roof.
  - b) Extra rate for each addl. Floor over the rate of ground floor.
  - c) Extra rate for careful dismantling and recovering at least 150 no of useable bricks per cum.
5. Dismantling all types of plain cement concrete works, staking serviceable materials at site and removing rubbish as directed within a lead of 75 m. in ground floor including roof.
  - a) upto 150 mm. thick
  - b) above 150 mm. thick
  - c) Extra rate for each addl. Floor over the rate of ground floor.
6. Dismantling R.C floor, roof, beams etc. including cutting rods and removing rubbish as directed within a lead of 75 m. including stacking of steel bars.
  - a) In ground floor including roof.
  - b) Extra rate for each addl. Floor over the rate of ground floor.
7. Dismantling terraced roof in ground floor roof (including floor finish, if any) taking out carefully tiles with beams, joists, trees or burgahs covering floor below, sorting and stacking serviceable materials at site and removing rubbish as directed within a lead of 75 m.
  - a) In ground floor including roof.
  - b) Extra rate for each addl. Floor over the rate of ground floor.
8. Dismantling carefully terraced floor only (including floor finish if any) or lime terracing in ground floor roof and removing rubbish as directed within a lead of 75 m.
  - a) In ground floor including roof.
  - b) Extra rate for each addl. Floor over the rate of ground floor.

9. Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 mm.
  - a) In ground floor including roof.
  - b) Extra rate for each addl. Floor over the rate of ground floor.
10. Taking out carefully G.C.I or C.I or asbestos sheets (including ridges etc.) from roof or wall after unscrewing bolts, nuts, screws etc. and stacking the material at site as directed. (Payment to be made on measurement of portion of roof or wall removed.)
11. Stripping off worn out plaster and raking out joints os walls, ceiling etc. upto any height and in any floor including removing rubbish within a lead of 75 m as directed.
12. Removal of rubbish, earth etc. from the working site and disposal of the same beyond the compound, in conformity with the Municipal / Corporation Rules for such disposal, loading into trucks and cleaning the site in all respect as per direction of Engineer in charge.
13. Labour for scrapping and picking up old dilapidated mortar/plaster (Cement / Surki /Lime mortar) from the surface of old Brick faces including cleaning the from without damaging the Brick and stacking the Bricks at Site/Stacking yard as per direction of Engineer-in-charge including removing all debris rubbish from site complete.
14. Single Brick Flat Soiling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.
15. Ordinary Cement concrete (mix1:1.5:3) graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.
16. Cement concrete with 32 mm downgraded gravel excluding shuttering:
  - a) 1:3:6 proportion
17. Hire and labour charges for shuttering with centring and necessary staging upto 4 m. using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor).
  - a) 25 mm to 30 mm thick wooden shuttering as per decision and direction of Engineer-in-Charge.
  - b) 25 mm to 30 mm shuttering without staging in foundation.
18. Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc. initial straightening and removal of loose rust (if necessary), cutting to required length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction.
19. Brick work with 1<sup>st</sup> class bricks in cement mortar (1:6).
20. 125 mm. thick brick work with 1<sup>st</sup> class bricks in cement mortar (1:4) in ground floor.
21. Extra for using approved H.B netting in every third layer in 29 & 30 above in any floor.
22. Artificial stone in floor, dado, staircase etc. with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m. all complete including all materials and labour.

In ground floor.

- 3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement).
23. Asbestos corrugated (Trafford or similar approved quality) sheet (6 mm thick) work (excluding the supporting framework) fitted and fixed with 9.5 mm. dia. J or L hook bolt

and nuts, limpet and bitumen washers and putty with 150 mm end lap & one corrugation minimum side lap complete. (Payment to be made on area of finished work).

a) In Roof

24. Galvanised corrugated iron sheet work (excluding the supporting frame work) fitted and fixed with 10 mm. dia. J or L hook-bolts, limpet and bitumen washers and putty complete with 150 mm. end lap and one corrugation minimum side lap. (Payment to be made on area of finished work)(GCI sheet to be supplied by contractor):-

a) In Roof:-

i) With 0.63 mm thick.

25. Asbestos ridging ( with standard lap) fitted and fixed with necessary hook, bolts, nuts, washers, etc. complete.

a) Close fitting adjustable type

26. Galvanised iron sheet ridging fitted with necessary bolts, screws, washers etc. complete (225 mm. end lapping)

A) 300 mm lapping each way

a) With 0.63 mm sheet

27. Providing waterproofing treatment over concrete roof surface (old or new) by the application of two coats of slurry prepared with latex of approved brand, water and cement in the proportion of (L.P.W. Cement – 1:4:6) by volume, with brush in a time gap of minimum 4 (four) hours to 14 (fourteen) hours between the two layers, laying 20 mm thick sand and cement consolidated plaster (1:4) admixed with Plastocrete Super of approved brand 0.2% by weight of cement, laying flat 1<sup>st</sup> class Brick Bats/Bricks over the mortar keeping a gap of 10-20 mm between two bats, filling the vertical joints with aforesaid mortar, providing a second layer of 20 mm thick sand and cement plaster (1:4) admixed with Plastocrete Super as above over the brick layer, the top surface of the treatment should be chequered to provide the antistripping properly.

28. Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (ground floor). (Excluding cost of chipping over concrete surface).

**A) With 1:6 cement mortar**

a) 20 mm thick plaster

b) 15 mm thick plaster

29. Scrapping of moss, blisters etc. thoroughly from exterior surface of walls necessitating the use of scraper, wire brush etc. (Payment against this item will be made only when this has been done on the specific direction of the Engineer-in-charge)

30. Scraping and removing greasy soot from walls or ceiling of kitchen or similar smoke affected rooms and preparing the surface.

31. White washing including cleaning and smoothening surface thoroughly:-

a) Two coats (to be done on specific instruction).

32. Colour Washing with “ELLA” with a coat of white wash priming including cleaning and smoothening surface thoroughly:

**(i) Internal all Floors**

a) Two coats

**(ii) External Surface (ground floor)**

a) Two coats