



**Netarhat Residential School**  
**Netarhat**

**(An Autonomous Institution under School Education & Literacy Department, Govt. of Jharkhand )**

**Invites**

**Tender Notice No- 985,Dated -21.05.2017**

**Tender Document to construct the Out House and Wash room, well Plumbered and Necessary Electrical Fittings in Bungalow No. - 4 (Guest House) at Netarhat Residential School premises at Netarhat-835218, District- Latehar, Jharkhand**

**Sealed tenders are invited for Netarhat Residential School, Netarhat from reputed parties/Company/contractors having relevant experience in Civil Construction Work for constructing technically sanctioned Out House and Wash room well Plumbed with Electrical Fittings in Bungalow No. – 4 (Guest House) at Netarhat Residential School campus situated at Netarhat, District- Latehar.**

### **Terms and Conditions**

#### **1. Eligibility Criteria**

- a) The Bidder should be a leading name in the field of respective work which are being mentioned in our Tender.
- b) Bidder should have experience in Civil Construction Work.**
- c) The bidders must submit self-attested copies of last 3 years Income Tax return in the name of the firm/proprietor/partner.
- d) The bidder shall provide the Registration number of the firm along with the VAT/CST/WCT/GST No. and the PAN Number allotted by the concerned authorities.
- e) One OEM can give only one quote either directly.
- f) The bidder must not be blacklisted either by Netarhat Residential School, Netarhat or any other University/institution/Government department. An affidavit to this effect must be submitted.
- g) Entire work must be implemented within stipulated time from the date of issue of Work Order/Purchase order. Delay in delivery will have penalty of 0.5 % of order value per week to total of 5% of order value.
- h) Netarhat Residential School, Netarhat reserves the right to cancel or to give the order to some other party who have contested in this tender if it is not deployed even after the date mentioned in the purchase order.
- i) Vendor has to furnish the required document for the construction of Out House & wash room . A detailed layout plan document must be submitted to the school along with the bid.
- j) The complete List of items with specification and quantity of requirement is mentioned in Annexure I of this tender document. The bidder has to quote strictly in format of the Annexure I.**

- 2. Cost of tender :-**Cost of tender form is Rs. 1000.00 which is to be submitted in the form of bank draft from any nationalized bank in favor of the Principal, Netarhat Residential School payable at Netarhat and must be enclosed with the tender form. Cost of tender form is Non-refundable.

#### **3. Earnest Money Deposit :-**

The interested firm may put the complete document in all respects along with Earnest Money Deposit (EMD) as a Demand Draft from any Nationalized bank drawn in favor of Principal, Netarhat Residential School at Netarhat. The detail of payable EMD is mentioned below :-

- a. The bidder should deposit Rs. 5,000/- as EMD.
- b. The EMD should be enclosed in a separate envelop marked for the same and nothing to be made in the original covering letter.
- c. The EMD will be returned to the successful bidder on providing the security deposit.
- d. EMD will not be waived under any circumstances.
- e. Non submission of EMD will lead to rejection of tender at the opening stage itself.

#### **4. Security Deposit**

- a. Within fifteen (15) days of the award of Work order, the vendor shall furnish a security deposit amounting to 5% of the work order value in the form of Bank Guarantee/ Bond/FD(**from scheduled Bank only**) favoring the Principal, Netarhat Residential School, Netarhat. The security deposit should be valid for the entire warranty period.
- b. All Bank details like Name, address, phone/fax no., e-mail etc. should be mentioned clearly.
- c. The security deposit will be forfeited in the case of non-execution of the order and non-compliance of the terms and conditions provided in the tender document.
- d. The security deposit should be kept for one year from the date of issuing the work order.**  
Entire warranty maintenance period i.e one year.

#### **5. Submission of Tender**

- a. Separate envelopes for Tender fees, EMD, should be placed in one envelop.

- b. The tender has to be dropped in the TENDER BOX kept for this purpose in the Principal's Office on due date: **31<sup>st</sup> May, 2017 on or before 11.30P.M.**
- c. The Institute reserves right to ignore any tender which fails to comply with the above instructions.
- d. The tender not submitted in the prescribed format or incomplete in detail is liable for rejection. The School will not be responsible for the non-receipt of quotation within the specified date and time due to any reason including holidays or delays. The bidder should submit the following documents :
  - i. Annexure – I
  - ii. Registration No. of the Firm/Vendor/Company.
  - iii. VAT/CST Registration Certificate
  - iv. Income Tax Registration Certificate
  - v. Work Order if any
  - vi. EMD with covering letter
  - vii. Three Years IT Return Certificate
  - viii. Affidavit for not being blacklisted from any instruction.

6. **Opening of Tender:** - The tender will be opened in the office of The Principal, Netarhat Residential School, Netarhat on **01<sup>st</sup>June, 2017 at 3.30 P.M.**

7. **Payment Terms**

- a) The offer should include the cost of equipment and all required accessories inclusive of all taxes and statutory levies. Labor/ installation charges if any should be mentioned separately (inclusive of taxes livable on them).
- b) Vague terms like "packing, forwarding, transportation etc. extra" without mentioning the specific amount will not be accepted. Such offers shall be treated as incomplete and rejected.
- c) Bidders shall indicate their rates in clear/visible figures as well as in words and shall not alter/overwrite/make cutting in the quotation. In case of a mismatch, the rates written in words will prevail.
- d) Discount, if any, should be indicated prominently.
- e) **Payment will be made after the successful completion of their scope of work mentioned in respective work/purchase orders. However, Principal, NetarhatVidyalaya reserves the right to consider any appeal with regard to amendment in payment terms if any.**

8. **Work Completion** :The supplier shall complete the work within one month from the placement of the work order. The work asked in the Tender is tentative ; however it may marginally increase/decrease at the time of placing of order.

9. **Clarification of Offers** :To assist in the scrutiny, evaluation and comparison of offers, The School administration may, at its discretion, ask some or all vendors for clarification of their offer. The request for such clarifications and the response will be in writing.

10. **No Commitment to Accept Lowest rate in the Tender procedure.**

- i. The School shall be under no obligation to accept the lowest or any other offer received in response to this tender notice and shall be entitled to reject any or all offers including those received late or incomplete without assigning any reason whatsoever.
- ii. The school reserves the right to make any changes in the terms and conditions of the work.
- iii. The School will not be obliged to meet and have discussions with any vendor, and or to listen to any representations.

11. **Order Cancellation**

- a) Delay in work beyond the stipulated time mentioned in the work order from the date of issue of the work order.
- b) Breach by the tenders of any of the terms and conditions of the tender.
- c) Any action by the vendor, which is in breach of law or accepted practices in the commercial transactions.
- d) If the Firm/Vendor goes into liquidation voluntarily or otherwise.

12. **Tender updates:**-Prospective bidders please refer to our website [www.netarhatvidyalaya.com](http://www.netarhatvidyalaya.com) for any changes which may appear from time to time.

13. **Signing of Tender:** -The Tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the schedule to the Tender are not fully filled in or not duly

signed/authenticated. Specific attention is drawn to the delivery dates and important conditions referred to in Annexure enclosed herewith. Each page of the tender documents required to be signed and bears the official seal of the bidders.

**14. Amendment in tender conditions** -The Principal , Netarhat Residential School, Netarhat reserves all right to amend or withdraw any of the terms and conditions contained in tender document or to reject any or all tenders without giving any notice or assigning any reason. The decision of the Principal in this regard shall be final and binding on all.

**15. WarrantyMaintenance** :-After the completion of work the vendor should maintenance whole work till one year i.e. warranted period. Vendor could quote AMC if any.

**16. Enquiry:** -All query and clarifications regarding this tender can be had from the

**1. Mr.BindhyalPandey,2. Mr. Roshan Kumar Baxi**

**(Principal)(Bursar)**

Netarhat Residential School,Netarhat Residential School,

Netarhat-835218Netarhat-835218

LateharLatehar

Ph no- 06569- 277644Mob No- 9771521409

**NETARHAT RESIDENTIAL SCHOOL**

**DISCRIPTION OF CIVIL & ELECTRICAL WORK TO CONSTRUCT THE OUT HOUSE & TOILET  
IN BUNGALOW NO. – 4 (GUEST HOUSE OF NETARHAT RESIDENTIAL SCHOOL**

**(PLEASE FILL THE RATE & SUBMIT WITH QUOTATION)**

**ANNEXURE – 1**

S.No.	Particulars	Quantity	Unit Rate	Total in (Rs.)
01.	Earth Work in Excavation in foundation Trenches in all kind of soil ----- --do----- 5.1.1 Stiffeners : 14 Nos x 3'0" x 3'0" x 3'0" x 3'0" = 378 cft. Wall : (218'0" – 11'8") x 2'6" x 3'0" = 1547.50 cft. Total = 1925.50 cft. Specific Tank -- Existing ---Soak Pits -- Existing ---Or 54.50 M <sup>3</sup>			
02.	Extra for hard rock cutting (blasting Prohibited) ----- DSR 2.7.3. 12.00 M <sup>3</sup>			
03.	Providing Coarse Clean sand filling in foundation & plinth. 5.1.10. Stiffners : 14 Nos x 3'0" x 3'0" x 3'0" x 0'6" = 63.00 cft. Wall : 206'4" x 2'6" x 0'6" = 257.92 cft. Total = 320.92 cft. Floor : ----- Room : 3 Nos x 9'0" x 12'0" x 0'9" = 243.00 cft. Verendah : 1 Nos x 9'0" x 4'6" x 0'9" = 30.38 cft. 1 Nos x 7'6" x 19'6" x 0'9" = 109.69 cft. W.c. : 2 Nos x 4'6" x 3'6" x 0'9" = 23.63 cft. Bath : 1 Nos x 8'0" x 5'0" x 0'9" = 30.00 cft. Open plate form : 1 Nos x 26'8" x 5'0" x 0'9" = 100.00 cft. Total = 536.70 cft.  Total = 320.92 cft + 536.70 cft = 857.62 cft. Or 24.27 M <sup>3</sup>			
04.	Providing one brick flat soling joints filled with sand. 5.6.3. Quantity : ----- Foundation – 320.92 cft= 641.84 sft. 0'6" Floor -- 536.70 cft= 715.60 sft. 0'9" Total = 1357.44 sft. Or 126.16 M <sup>2</sup>			
05.	Providing R.C.C. (1:1x1/2:3) In foundation & plinth with stone chips 20 mm to 6 mm size excluding 5.3.5.1.cost of reinforcement. Pillar/ stiffner ----- 14 Nos x 3'0" x 3'0" x 0'8" = 83.92 cft. Or 2.38 M <sup>3</sup>			
06.	Providing P.C.C. (1:2:4) in foundation & plinth with stone chips 20 mm to 6 mm size .  Wall Found : 206'4" x 2'6" x 0'6" = 257.92 cft. Floor : 715.60 sft x 0'4" = 238.29 cft. Total = 496.21 cft. Or 14.05 M <sup>3</sup>			
07.	Providing R.C.C. (1:1x1/2:3) in Stiffener in super structure with stone chips 20 mm to 6 mm size excluding the cost of reinforcement. 5.3.12.1. <u>Padestal</u> 14 Nos x 2'0" x 2'0" x 0'6" = 28.00cft. 14 Nos x 0'10" x 0'10" x 12'8" = 123.04 cft.			

	Total = 151.04 cft. Or 4.28 M <sup>3</sup>			
08.	Providing 75 B brick work in C.M. (1:6) in foundation & plinth with clean coarse sand-----do----- 5.2.6. Wall : 1 <sup>st</sup> footing --- 206'4" x 2'1" x 0'6" = 214.90 cft. 2 <sup>nd</sup> footing --- 206'4" x 1'8" x 0'6" = 171.88 cft. 3 <sup>rd</sup> footing --- 206'4" x 1'3" x 0'6" = 128.96 cft. In plinth & found 4 <sup>th</sup> footing ---206'4" x 0'10" x 1'0" = 171.88 cft. Total = 687.62 cft. Or 19.46 M <sup>3</sup> Total :- 17'0" x 0'10" x 1'0" ----- 0.40 M <sup>3</sup>			
09.	Providing R.C.C. (1:1x1/2:3) in Beam (Tie) in all type with stone chips 20 mm to 6 mm size excluding the cost of reinforcement ----- 5.3.11. (0'3" below of ground + 0'7" above of ground) Over wall : -- 206'4" x 0'10" x 0'10" = 143.17 cft. For Toilet : -(7'6" + 4'6" + 5'0") x 0'10" x 0'10" = 11.80cft. Total = 154.97 cft. Or 4.39 M <sup>3</sup> At Roof wall Beam 0'6" thick – 2.63 M <sup>3</sup>			
10.	Providing 25 mm thick damp proof course with P.C.C. (1:1x1/2:3) with stone chips 20 mm to 6 mm size with 5 % cica or any other approved water proof compound mixed in cement concrete ----- 5.3.16.1. 206'4" x 0'10" = 171.88 sft. 17'0" x 0'10" = 14.16 sft. Total = 186.04 sft.Or 17.29 M <sup>2</sup>			
11.	Providing R.C.C. (1:1x1/2:3) in band at lintal level with stone chips 20 mm to 6 mm thick excluding the cost of reinforcement. 5.3.7. Wall : --- 2 0'6'4" x 0'10" x 0'6" = 85.94 cft. Toilet wall : ---- 17'0" x 0'5" x 0'6" = 3.54 cft. Total = 89.48 cft.Or 2.53 M <sup>3</sup>			
12.	Providing 75 B brick work in C.M. (1:6) in super structure 5.2.14. 206'4" x 0'10" x 10'0" = 1718.75 cft. Deduction : ----- Door : --- 4 Nos x 3'0" x 0'10" x 7'0" = (-) 69.97 cft. 1 Nos x 2'9" x 0'10" x 7'0" = (-) 16.03 cft. Total = (-) 86.00 cft. Windows : --- 3 Nos x 3'0" x 0'10" x 4'0" = (-) 29.99 cft. 3 Nos x 2'0" x 0'10" x 3'0" = (-) 14.99 cft. Total = (-) 44.98 cft. Grill gate : --- 3 Nos x 4'0" x 0'10" x 7'0" = (-) 69.97 cft. Veropen : --- 1 Nos x 5'0" x 0'10" x 4'0" = (-) 16.66 cft. 1 Nos x 12'4" x 0'10" x 4'0" = (-) 41.09 cft. Total = (-) 127.72 cft. R.C.C. Band at lintal : ---- (-) 85.94 cft. 0'6" thick R.C.C. Beam at Top of wall : --- (-) 85.94 cft. Total = (-) 430.58 cft. Net Brick work ----1718.75 cft (-) 430.58 cft = 1288.17 cft.Or 36.46 M <sup>3</sup>			
13.	Providing 125 mm thick Brick work in C.M. (1:4) insuper structure 5.2.23. Toilet wall : ----- 17'0" x 10'0" = 170 sft. Ver : ----- 1 x 5'0" x 3'0" = 15 sft. Ver : ----- 1 x 12'4" x 3'0" = 37 sft.			

	<p style="text-align: center;">Total = 222 sft.</p> <p>Deduction : -----  Door : ----- 2 Nos x 2'6" x 7'0" = (-) 35 sft.  Band at lintal : ----- 17'0" x 0'6" = (-) 8.50 sft.  Top of Wall Beam : ----- _____ = (-) 8.50 sft.  Total = 170sft. Or 15.80 M<sup>2</sup></p>			
14.	<p>Providing R.C.C. (1:1x1/2:3) in roof slab with stone chips  20 mm to 6 mm size excluding the cost of reinforcement.  5.3.9.1. 1 x 37'4" x 20'0" x 0'4x1/2" thick = 280 cft.  1 x 10'3" x 5'10" x 0'4" thick = <u>19.91 cft.</u>  Total = 299.91 cft.  Or 8.50 M<sup>3</sup></p>			
15.	<p>Jungle Clearance including weeding out shrubs and small  Trees upto 150 mm dia. (girth) and their  8.1.3.2. removal as per specification &amp; direction : -----  1 x 50'0" x 40'0" = 2000 sft.  Or 185.87 M<sup>2</sup></p>			
16.	<p>Providing 12 mm thick water proof cement plaster in C.M.  (1:3) with clean coarse sand with 5 % cico  5.7.14 or any other's water proofing compound as Dr. Fixit.  1 x 37'4" x 20'0" = 746.66 sft.  1 x 10'3" x 5'10" = 59.79 sft.  Carried / wall ---- 31'8" x 0'10" = <u>26.38 sft.</u>  Total = 832.83 sft.  Or 77.40 M<sup>2</sup></p>			
17.	<p>Providing M.S. Steel reinforcement of 8 mm R, 10 mm R,  12 mm R as per drawing &amp; design -----  5.5.4. Foundation ----- 2.38 M<sup>3</sup>  Stiffeners ----- 4.28 M<sup>3</sup>  Beam ----- 7.02 M<sup>3</sup>  Band at lintal ----- 2.53 M<sup>3</sup>  Roof slab ----- <u>8.50 M<sup>3</sup></u>  Total = 24.71 M<sup>3</sup>  Or 2.1745 M.T</p>			
18.	<p>Supplying fitting &amp; fixing M.S. Grill Gate with M.S. Grill made of 10 mm  square bar fitted on 25 x 25 x  5.5.30. 6 mm Angle frame -----do-----all complete job -----  Grill gate : ----- 3 Nos x 4'0" x 7'0" = 84 sft.  Window grill : ----- 3 Nos x 3'0" x 4'0" = 36 sft.  3 Nos x 2'0" x 3'0" = <u>18 sft.</u>  Total = 138 sft.</p>			
19.	<p>Providing &amp; fixing pressed steel door frames with  commercial mild steel sheet of 1.60 mm thickness.  DSR. 10.14. Door Choukhat ----- Profile - "B"Size - 125  mm x 63 mm  10.14.1.1. Fixing with adjustable lugs with split end tail to  each joints jump.Door : ----  (4 Nos x (2 x 7'0" + 3'0")) = 68.00 ft.  (1 Nos x (2 x 7'0" + 2'9")) = 16.75 ft.  (2 Nos x (2 x 7'0" + 2'6")) = <u>33.00 ft.</u>  Total = 117.75 ft. Or 35.89 M</p>			
20.	<p>Supplying , fitting &amp; fixing 30 mm thick solid core  type non decorative single lesf flush door shutter  5.4.40 all complete .  4 Nos x 6'9" x 2'9" = 74.25 sft.</p>			

	<p>1 Nos x 6'9" x 2'6" = 16.88 sft.  2 Nos x 6'9" x 2'3" = 30.38 sft.  Total = 121.51 sft.  Or 11.29 M<sup>2</sup></p>			
21.	<p>Providing 50 mm thick R.C.C. (1:1x1/2:3) Jali  (Ventilation) with stone chips and M.S. wire  5.3.27.1. 6 Nos x 2'0" x 0'9" = 9 sft.Or 0.84 M<sup>2</sup></p>			
22.	<p>Providing &amp; fixing aluminium work for windows  with extruded build up stand and tubular section  DSR 21.1. appropriate Z section ---do---as per specification  &amp; direction of E/I  21.1.2.1. For shutter of windows including providing and  fixing hinges pivots the cost of EPDM  rubber/neoprene  gasket (fittings shall be paid for separately)  Anodised  aluminium (minimum anodized coating of grade—AC  15)  Windows ---- 3Nos x 3'0" x 4'0" = 36 sft.  3 Nos x 2'0" x 3'0" = 185 sft.  Total = 54 sft.  Or 5.02 M<sup>2</sup> @ 8.50 Kg per M<sup>2</sup> = 42.66 Kg</p>			
23.	<p>Providing &amp; laying 6 mm thick precast white glazed  tiles size 15 cm x 15 cm A grade in wall over 12  5.6.23.1. mm thick cement plaster (1:3) and joints filled  with grey cement.  Bath : 2 x (5'0" + 8'0") x 5'0" av. ht = 130 sft.  w.c. : 2 x 2 (3'6" + 4'6") x 5'0" av. ht = 160 sft.  Ver : 1 x 7'6" x 5'0" av. ht = 37.50 sft.  Total = 327.50 sft.  Deduction : ----  Door : 1 x 2'9" x 5'0" x ½ = 13.75 sft.  Door : 2 x 2'6" x 5'0" = 25.00 sft.  Total = (-) 38.75 sft.  Net Area = 327.50 sft (-) 38.75 sft= 288.75 sft.Or 26.84 M<sup>2</sup></p>			
24.	<p>Providing &amp; laying 25 mm thick Kotah stone slab  flooring over av. 20 mm thick base of cement  5.6.19. mortar (1:4) and joints filled with grey cement  slummy.  Ver : 1 x 5'0" x 9'0" = 45 sft.  RM : 3 x 12'0" x 9'0" = 324 sft.  Ver : 1 x 8'0" x 19'6" = 156.00 sft.  w.c. : 2 x 3'6" x 4'6" = 31.50 sft.  Bath : 1 x 5'0" x 8'0" = 40.00 sft.  Open plate form : 1 x 5'0" x 26'8" = 133.33 sft.  Door side : 2 x 0'5" x 4'0" = 3.32 sft.  1 x 0'10" x 4'0" = 3.32 sft.  3 x 0'10" x 3'0" = 7.50 sft.  1 x 0'10" x 2'9" = 2.29 sft.  2 x 0'5" x 2'6" = 1.04 sft.  Total = 747.30 sft.  Or 69.45 M<sup>2</sup></p>			
25.	<p>Providing &amp; laying 25 mm thick kotah stone Tile in skinting ----</p>			



	<p>5.6.20</p> <p>Ver : 2 (5'0" + 9'0") x 0'6" = 14.00 sft.  RM : 3 x 2 (12'0" + 9'0") x 0'6" = 63.00 sft.  Ver : 2 (8'0" + 19'0") x 0'6" = 27.50 sft.  w.c. : 2 x 2 (3'6" + 4'6") x 0'6" = 16.00 sft.  Bath : 2 (5'0" + 8'0") x 0'6" = 13.00 sft.  Open plate form : 2 (5'0" + 6'8") x 0'6" = 31.67 sft.  Deduction : -----  Door : 3 Nos x 4'0" x ½ = (-) 6.00 sft.  3 Nos x 3'0" x ½ = (-) 4.50 sft.  1 Nos x 2'9" x ½ = (-) 1.38 sft.  2 Nos x 2'6" x ½ = (-) 2.50 sft.  Net Area = 150.79 sft.  Or 14.01 M<sup>2</sup></p>			
26.	<p>Providing 12 mm thick cement plaster in C.M. (1:6)  over wall with clean coarse sand.</p> <p>5.7.3. <u>Inner Side : -----</u>  Ver : 2 (5'0" + 9'0") x 9'6" = 266.00 sft.  RM : 3 x 2 (12'0" + 9'0") x 9'6" = 1197 sft.  Ver : 2 (8'0" + 19'6") = 522.50 sft.  w.c. : 2 x 2 (3'6" + 4'6") x 4'0" = 128.00 sft.  Bath : 2 (5'0" + 8'0") x 4'0" = 104.00 sft.  Open plate form : 2 (5'0" + 26'8") x 9'6" = 601.65 sft.  Deduction : -----  Opening : 3 x 4'0" x 7'0" = (-) 84 sft.  Door : 3 x 3'0" x 7'0" = (-) 63 sft.  2 x 2'6" x 7'0" = (-) 35 sft.  1 x 2'9" x 7'0" = (-) 19.25 sft.  Windows : 3 x 3'0" x 4'0" = (-) 36 sft.  3 x 2'0" x 3'0" = (-) 18 sft.  Grill : 5'0" x 4'0" = (-) 20 sft.  19'6" x 4'0" = (-) 41.25 sft.  <u>Outer side : -----</u>  2 (24'10" + 36'4") x 11'6" = 1406.82 sft.  Total = 3831.47 sft.  Or 356.08 M<sup>2</sup></p>			
27.	<p>Providing 6 mm thick cement plaste in C.M. (1:4) in  celing with clean coarse sand.</p> <p>5.7.6.  Item No. (24) = 596.50sft.  Door celing = 17.47 sft.  Cannico --- - 2 (37'4" + 20'0") x 0'10" = 95.52 sft.  (2 x 5'0" + 10'3") x 0'10" = 16.38 sft.  Top of wall ---- 1 x 31'8" x 0'10" = 26.38 sft  Total = 752.74sft.  Or 69.96 M<sup>2</sup></p>			
28.	<p>Providing &amp; fixing glazed windows with EPDM  rubber/ neoprene gasket etc complete with float  DSR 21.3. glass panes of 5.50 mm thickness  (weight not less than 20 Kg per M<sup>2</sup>)  21.3.2.  Windows : 3 Nos x 3'0" x 4'0" = 36 sft.  3 Nos x 2'0" x 3'0" = 18 sft.  Total = 54sft.  Or 5.01 M<sup>2</sup></p>			
29.	<p>Providing &amp; fixing aluminium round shape handle  bar 100 mm outer dia 3 mm thick and 100 mm</p>			

	DSR. 21.16.1. long with steel screw etc. Anodised (AC 15) aluminium ----- Handle – window : --- 12 Nos .			
30.	Making plinth protection of 50 mm thick of cement concrete over 75 B one brick flat soling DSR. 4.17. over sand filling including necessary excavation, leveling dressing and finishing the top surface. 130 feets x 3'3" = 422.50 sft.Or 39.27 M <sup>2</sup>			
31.	Providing 150 mm wide brick drain in C.M. (1:6) with an 150 mm clear depth and 125 mm aprox – 5.10.34. 130 feets or 39.62 M			
32.	Providing two coats of snowcem over a coat of cement primer over new surface . 5.8.24. Celing Area ---- 69.96 M <sup>2</sup> Wall Area ----- 356.08 M <sup>2</sup> Total = 426.04 M <sup>2</sup>			
33.	Providing two coats of synthetic enamel point over steel surface. 5.8.45. Door Choukhat : 117.75 ft x 0'80" = 98.08 sft. Grill gate : _____ = 138.00 sft. Total = 236.08 sft. Or 21.94 M <sup>2</sup>			
34.	Proving two coats of synthetic enamel paint make over new wooden surface. 5.8.32. Flush door shutter : 11.29 M <sup>2</sup> x 2.60 = 29.35 M <sup>2</sup>			
35.	Providing Primer coats Lead paint over new steel surface ----- 5.8.41. 21.94 M <sup>2</sup>			
<b><u>SANITARY &amp; WATER SUPPLY</u></b>				
36.	Construction Masonary Chamber of 75B DSR 18.37. Brick work in C.M. (1:4) of 60 x 45 x 50 cm size,inside and R.C.C. (1:2:4) Top Slab and inside plasting with cement mortar (1:3) with cement punning -----18.37.1. 3 Nos			
37.	Providing & Fixing Unplasticised Rigid PVC pipe including jopinting with seal ring 12.41. Single Socket Pipe ---- 12.41.1. 75mm diameter -----15 M 12.41.2. 110mm diameter -----38.50 M			
38.	Providing & Fixing Unplasticised Rigid 12.42. Modulded fitting -----do----- Single Tee with door :----- 75 x 75 x 75 mm - 4 Nos 110 x 110 x 110 mm – 3 NosBend ----- 75mm diameter Bend - 4 Nos 110mm diameter Bend - 4 Nos			
39.	) Providing & Fixing CPVC pipe for water supplying 18.7. including all CPVC plain & brass threaded fittings Threaded fittings ----- Internal work ----- Exposed on wall. 18.7.1. 15mm nominal outer dia pipe -----15 M 18.7.3. 25mm nominal outer dia. Pipe with from supply water pipe -----30 M			

	From Tank ----90 M			
40.	Providing & fixing water closed Squatting pan 17.1.1. white vitreous china Orissa pattern w.e. pan size 580 x 440 mm with footrest with P & S Trap including 10 litre low level PVC flushing cistern -----do----- all complete . - 2 Nos			
41.	Providing & fixing C.P. Brass bib cock ----- 18.49.1. 15mm nominal bore - 4 Nos			
42.	Providing & fixing ball valve (brass) of approved 18.18.3. quality Heigh/low pressure with plastic floats complete, 25 mm nominal bore ----- 4 Nos			
43.	Providing & fixing Unplasticised PVC Connection 18.21.2.1. pipe with brass Union --- 45cm long 15mm dia. Nominal bore ----- 3 Nos			
44.	Providing & fixing C.P. Brass stope 18.52.1. cock of standard -15mm dia. Nominal bore - 4 Nos			
45.	Providing & fixing C.P. Brass extension nipple 18.53 A Size --- 15mm x 50mm -----8 Nos			
46.	Providing & fixing PTMT Soap dish 18.65. -- length -- 138 mm, breadth -- 102 mm, height -- 75 mm . --- 2 Nos			
47.	Providing & fixing PTMT Swivelling Shower, 18.64. 15mm nominal bore weight not less than 40 -- 1Nos			
48.	Cutting Hole upto 30 x 30 cm in walls including 18.76 making good the same ----4 Nos			
49.	Providing & fixing PTMT towel rail complete  17.73. with bracket fixed to C.P. brass Screws -- do--  17.73.2. 600 mm long towel rail width 78 mm and effective height of 88 mm weight not less than 190 m ----- 2 Nos			
50.	Providing & fixing wash basin with G.I. 17.72. bracket 15 mm C.P. brass single pillar tab sine 630 x 450 mm 32 mm C.P. brass waste of standard pattern - 1 Nos			
51.	Providing & Laying polythene water storage JSR SI No-122 Tank of ISI mark e.g. Sintare/Sintre/Himgiri /Gangotri with cover & locking system -----  --  1000 Litre -- 2 Nos ----- 2000 Litre .			
<b><u>ELECTRICAL INSTALLATION</u></b>				
52.	Point wiring in PVC conduit for light point/fan points with 1.50 sqmm FR PVC 1.1.3. Insulated Copper Conductor for single core cable . Group (c) 16 Nos			
53.	Wiring for Circuit/Sub main wiring along with 1.14.2. earth wire FR PVC Insulated Copper Conductor Single core cable with PVC conduit . 2 x 2.50 sqmm + 1 x 2.5 sqmm earth wire. - 65 M			
54.	Supplying & fixing G.I. Metal/PVC bore of 1.22.1. phenolic laminated sheet cover in front . 1.22.1. 0'4" x 0'4" size -- 18 Nos 1.22.3. 0'5" x 0'7" size -- 8 Nos 1.22.6. 0'6" x 0'8" size -- 6 Nos 1.22.8. 0'8" x 0'10" size -- 4 Nos			
55.	Supplying & fixing piano type Switch / Socket including Connection :-----			

	1.23. 5/6 Amp Switch – 20 Nos 3 3 Pin 5/6 Amp Socket – 6 Nos 15/16 Amp Switch – 3 Nos 15/16 Amp 6 pin Socket – 3 Nos			
56.	Supplying & fixing batten / Angle Holder including connection etc as required --- 1.34. 14 Nos			
57.	32 Amps Capacity TP & N disconnector for fuse DSR 2.1.1. switch unit inside -----2Nos			
58.	Supplying & fixing 2 way single door pole JSR 2.8.1. neutral,sheet,MCB distribution board 240 volts on surface including inter connection 4 way single door ----2 Nos			
59.	Supplying & fixing 6/32 Amps, SPN, 240 volts 2.12.3. “C” series miniature circuit breaker on existing MCB DB Complete with Connection ----- 6/32 Amps SPN MCB 8 Nos			
60.	Supplying & fixing stepped type electronic fan 1.25 regulator Connecting connection : --- 3 Nos			
61.	Installation of Exhaust fan 450 mm sweep ----- 1.48. 2 Nos			
62.	Installation of Celing fan ----- 1.44 3 Nos			
63.	Carriage Cost of Materials : ---- (1) Sand av. Lead 25 K.M. - 75.07 M <sup>3</sup> (2) Bricks av. Lead 30 K.M. - 31,024 Nos (3) Stone chips av. Lead 58 K.M. - 37.41 M <sup>3</sup>			
	Total Quoted Cost (Rs.)			