



Netarhat Residential School
Netarhat

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

Invites

Tender Notice No- 984, Dated -21.05.2017

Tender Document to construct the New Toilet Block , Supply & Installation of Aluminium Sliding Shutter in Windows of Guest House, Electric Installation Sanitary & water supply in Guest House and Supplying & fixing Paver Tiles in the front side of Guest House at Netarhat Residential School premises at Netarhat-835218, District- Latehar, Jharkhand

Sealed tenders are invited for Netarhat Residential School, Netarhat from Parties/ Company/contractors having relevant experience in Civil Construction work to construct & furnish New Toilet Block , Supply & Installation of Aluminium Sliding Shutter in Windows of Guest House, Electric Installation Sanitary & water supply in Guest House and Supplying & fixing Paver Tiles in the front side of Guest House at Netarhat Residential School campus 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 be an 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 giving 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. Delay due to school would not be considered.
- i) Vendor has to furnish the required document for the construction of New Toilet Block , Supply & Installation of Aluminium Sliding Shutter in Windows of Guest House, Electric Installation Sanitary & water supply in Guest House and Supplying & fixing Paver Tiles in the front side of Guest House. 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: **31st 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 **01st 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 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- 9471183225

NETARHAT RESIDENTIAL SCHOOL

DISCRIPTION OF CIVIL & New Toilet Block , Supply & Installation of Aluminium Sliding Shutter in Windows of Guest House, Electric Installation Sanitary & water supply in Guest House and Supplying & fixing Paver Tiles in the front side of Guest House

(PLEASE FILL THE RATE & SUBMIT WITH QUOTATION)

ANNEXURE – 1

S.No.	Particulars	Quantity	Unit Rate	Total in (Rs.)
01.	<p>Providing & Fixing Aluminium work for sliding shutter of windows DSR 21.1.2.1. including appropriate Z section. Fixing with deshfastners&hings pivots and making provision for fixing of fittings and the cost of EPDM rubber / neoprene gasket (fitting shall be paid for Separeately) Anodised Aluminium ----- Windows -- Two Track sliding shutter one Track Sliding netting Shutter .</p> <p>(G) (Sw) Steel windows : -- 6 Nos. x 4'0" x 4'0" = 96 sft. (Sw1) Steel windows : -- 2 Nos. x 3'0" x 4'0" = 24 sft.</p> <p>(G11) (Sw) Steel windows : -- 6 Nos. x 4'0" x 4'0" = 96 sft. (Sw1) Steel windows : -- 2 Nos. x 3'0" x 4'0" = 24 sft.</p> <p>(G) & (G11) Ventilation : -- 4 Nos. x 2'0" x 3'0" = 24 sft. - Total = 264 sft. Stair window : -- 2 Nos. x 3'0" x 4'0" = 24 sft. - Total = 288 sft.</p> <p align="center">Or 26.77 M²</p>			
02.	<p>Providing & fixing glazing in aluminium windows shutter with EPDM DSR 21.3.2. rubber / neoprene gasket with float glass panes of 5.50 mm thickness ----- do -----</p> <p>As per above – 26.77 M² 21.3.1. Netting Sliding Shutter -- 11.15 M²</p>			
03.	<p>Providing & Fixing aluminium round shape handle bar 100 mm long DSR 21.16.1. with steels screws etc. Anodised (Ac 15) aluminium handle -----</p> <p align="center">Window : -- 18 Nos. x 2 = 36 Nos For Door : -- 1 Nos</p>			
04.	<p>Supplying & Fixing aluminium (Ac 15) Strips 40 mm wide Code 2704 and 2mm thick -----</p> <p align="center">12 Window : -- 2 x 24 ft = 576 ft. 04 Window : -- 2 x 22 ft = 176 ft.</p>			

	<p>02 Window :- 1 x 22 ft = 22 ft. Total = 764 ft. Or 233 M @ 225 per M = 52.43 kg For Fixed Portion : ----- 17'0" x 4 side = 68 ft. <u>6'6" x 6 side = 39 ft.</u> Total = 707 ft Or, 32.61 M @</p>			
05.	<p>Providing & Fixing aluminium work for door & partition DSR 21.1.1.1. with extruded builtup standard tabular ection appropriate Z section -----do ----- For Fixed portion ----- Anodisedaluminium I S 1868 ,Minium anodizes coating of grade (Ac 15) Total : -- 3'6" + 10'0" + 3'6" = 17 ft x 6'6" = 110.50 sft. Or 10.27 M² @</p>			
06.	<p>Providing & Fixing 12 mm thick Prelaminated particle DSR 21.2 board IS 12823 Grade I type IF in paneling fixed in aluminium doors shutter and partition frames with C.P. brass / stainless steel screws etc. 21.22 Pre-Laminated particle board with decorative lamination as both sides ----- As per above : -----0.27 M <u>Centre to Centre distance 250 mm wide wall</u> Foundation : ---- 2'6" wide , 0'5" + 3'0" + 0'5" + 4'6" + 0'5" = 8'9" - -- 2 Nos. 3'0" depth 0'5" + 3'6" + 0'5" + 3'0" + 0'5" = 7'9" --- 2 Nos. 125 mm wide wall 2'6" wide , 0'5" + 3'6" + 0'2x1/2" = 4'1x1/2" --- 1 Nos. 2'0" depth 0'5" + 4'6" + 0'2x1/2" = 5'1x1/2" --- 1 Nos.</p>			
<u>GUEST HOUSE TOILET BLOCK</u>				
07.	<p>Earthwork in excavation in foundation Trenches : 5.1.1. Long wall : 2 x (8'9" + 2'6") x 2'6" x 3'0" = 168.75 cft. Shortwall : 2 x (7'9" - 2'6") x 2'6" x 3'0" = 78.75 cft. Longwall : 1 x 5'1x1/2" x 2'6" x 2'0" = 25.63 cft. Shortwall : 1 x (4'1x1/2" - 2'6") x 2'6" x 2'0" = 8.13 cft. Total = 281.26 cft.Or 7.96 M³</p>			
08.	<p>Providing coarse clean sand filling in foundation trenches & plinth : 5.1.10 250 mm wide wall (22'6" + 10'6") = 33'0" x 2'6" x 0'4" = 27.47 cft. 125 mm wide wall (5'1x1/2" + 1'7x1/2") = 6'9" x 2'6" x 0'4" = 5.62 cft. Plinth w.c. --- 1 x 4'6" x 3'6" x 1'0" = 15.75 cft. Urinal --- 1 x 3'0" x 7'11" x 1'0" = 11.75 cft. Wash hand --- 1 x 3'0" x 7'11" x 1'0" = 23.75 cft. Total = 84.34 cft.Or 2.40 M³</p>			
09.	<p>Providing 75 B one brick flat soling joints filled with sand 5.6.3. Found : 33'0" x 2'6" = 82.50 sft. 6'9" x 2'6" = 16.88 sft. Floor : 4'6" x 3'6" = 15.75 sft. 3'0" x 3'11" = 11.75 sft. 3'0" x 7'11" = 23.75 sft.</p>			

	Total = 150.63 sft.Or 14 M ²			
10.	Providing R.C.C. (1:1x1/2:3) in found with stone chips 20 mm 5.3.5.1. to 6 mm size excluding the cost of reinforcement ----- Found : 33'0" x 2'6" x 0'6" = 41.25 cft. 6'9" x 2'6" x 0'6" = 8.44cft. Total = 49.69 cft. Or 1.41 M ³			
11.	Providing P.C.C. (1:2:4) in found & plinth with stone chips 5.3.2. 20 mm to 6 mm size ----- Floor : 51.25 sft x 0'4" = 17.07 cft.Or 0.48 M			
12.	Providing 75 B brick work in C.M. (1:6) in found & plinth ----- 5.2.6. 1 st footing : - 2 x (8'9" + 2'1") x 2'1" x 0'7" = 26.31 cft. 2 x (7'9" - 2'1") x 2'1" x 0'7" = 13.76 cft. (5'1x1/2" + 2'1/2") x 2'1" x 0'7" = 08.70 cft. 2 nd footing : - 2 (8'9" + 1'8") x 1'8" x 0'7" = 20.23 cft. 2 (7'9" - 1'8") x 1'8" x 0'7" = 11.82 cft. (5'1x1/2" + 2'6") x 1'8" x 0'7" = 7.41cft. 3 rd footing : - 2 (8'9" + 1'3") x 1'3" x 0'7" = 14.58 cft. Upto Plinth 4 th footing : - 2 (8'9" + 0'10") x 0'10" x (1'9" - 0'4") = 22.61 cft.(5'1x1/2 + 3'3x1/2") x 0'10" x (1'9" - 0'4") = 9.93 cft. Total = 135.35 cft. Or 3.83 M ³			
13.	Providing R.C.C. (1:1x1/2:3) in band at plinth with stonechips 5.3.6. 20mm to 6mm size Excluding the cost of reinforcement - (19'2" + 13'10" + 4'11" + 3'6") x 0'10" x 0'4" = 11.49 cft. (41'5")Or 0.33 M ³			
14.	Providing 75 B brick work in C.M. (1:6) in Super Structure ----- 5.2.14. Wall : - 23'0" x 0'10" x 10'0" = 191.59 cft. Deduction : ---- Door : - 1 Nos x 2'6" x 0'10" x 7'0" = (-) 14.58 cft. 1Nos x 2'9" x 0'10" x 7'0" = (-) 16.03 cft. Windows : -2 Nos x 2'0" x 0'10" x 3'0" = (-) 10.00 cft. Lintal Band : - as plinth band 0'4" thick 23'0" x 0'16" x 0'4" = (-) 6.38cft. Total = 159.18 cft. Or 4.51 M ³			
15.	Providing 125 mm thick Brick work in C.M. (1:4) in super structure --- 5.2.23. 8'5" x 10'0" = 84.16 sft. Door : -- 1 x 2'6" x 7'0" = (-) 17.50 sft. LintalBand : -- 8'5" x 0'4" = (-) 2.80 sft. Total = 63.85 sft. Or 5.93 M ²			
16.	Providing R.C.C. (1:1x1/2:3) in roof slab with stone chips 20 mm 53.9.1. to 6 mm size excluding the cost of reinforcement . 1 x 10'7" x 9'7" x 0'4" = 33.77 cft.Or 0.96 M ³			
17.	Providing R.C.C. (1:1x1/2:3) in band at lintal level with stone chips . 5.3.7. 23'0" x 0'10" x 0'4" = 6.38 cft. 8'5" x 0'5" x 0'4" = 1.17 cft. Total = 7.55 cft. Or 0.21 M ³			

18.	Providing Reinforcement of 8 mm 10 mm dia. T.M.T. rod ----- 5.5.4. Found : -- $1.41 \text{ M}^3 @ 80 \text{ kg per M}^3 = 112.80 \text{ kg.}$ Band at plinth : -- $0.33 \text{ M}^3 @ 60 \text{ kg per M}^3 = 19.80 \text{ kg.}$ Band at linted : -- $0.21 \text{ M}^3 @ 60 \text{ kg per M}^3 = 12.60 \text{ kg.}$ Roof Slab : -- $0.96 \text{ M}^3 @ 80 \text{ kg per M}^3 = 76.80 \text{ kg.}$ $\text{Total} = 222 \text{ kgs.}$ $\text{Or } 0.222 \text{ M.T.}$			
19.	Supplying fitting & fixing M.s. grill made of M.S. 10 mm 5.5.12. square bar and 25 x 25 x 5 mm thick Angle frams : ----- Windows : -- 2 Nos x 2'0" x 3'0" = 12 sft.@			
20.	Providing & fixing pressed steel door frams with Commercial DSR 10.14. mild steel sheet of 1.60 mm thickness . Door Chaukhat : -- 125 mm x 63 mm size ----- Profile (B) – 10.14.1.1.Fixing with adjustable logs with split end tail to each joints --- $(2 \times 7'0" + 2'6") = 16'6"$ $(2 \times 7'0" + 2'9") = 16'9"$ $\text{Total} = 33'3"$ Or 10.13 M			
21.	Supplying fitting & fixing 30 mm thick solid core type non 5.4.40 decorative single leaf flush shutters all complete job ----- $1 \times 6'9" \times 2'3" = 15.19 \text{ sft.}$ $1 \times 6'9" \times 2'6" = 16.88 \text{ sft.}$ $\text{Total} = 32.07 \text{ sft.}$ Or 2.98 M^3			
22.	Providing & fixing glazing in aluminium windows shutter DSR 21.3.1. with EPDM rubber / neoprene gasket with netting shutter --- 21.3.1. 12 sft. 1.12 M^2			
23.	Providing & Laying 6 mm thick Pre cast white glazed Tiles 5.6.23.1. size --- 15 cm x 15 cm A grade in wall over 12 mm thick cement plaste in C.M. (1:3) and joints filled with grey cement - $\text{Walls : } -(7'6" + 7'11" + 6'6" + 6'11" + 3'11" + 4'11") \times 5'0" =$ 188.32 sft. $\text{Deduction : } -(1 \times 2'6" + 1 \times 2'9") = 5'3" \times 5'0" = (-) 26.25 \text{ sft.}$ $\text{Add. Door side : } 2 \times 0'5" \times 5'0" = (+) 4.17 \text{ sft.}$ $\text{Total} = 166.24 \text{ sft.}$ Or 15.45 M^2			
24.	Providing & laying 25 mm thick kotah store flooring over 5.6.19. 20 mm av. Thickness base of cement mortar (1"4) ----- 600 x 600 mm size ---- Floor : -- 51.25 sft. Door side : -- $1 \times 2.5 \text{ ft} \times 0'5" = 1.04 \text{ sft.}$ $1 \times 2'9" \times 0'10" = 2.29 \text{ sft.}$ $\text{Total} = 54.58 \text{ sft.}$ Or 5.07 M^2			
25.	Providing & laying 25 mm thick kotah stone Tiles in skinting ---- 5.6.20 $37'8" \times 0'6" = 18.83 \text{ sft.}$ Door side : -- $2 \times 5" \times 0'6" = 0.42 \text{ sft.}$ $\text{Total} = 19.25 \text{ sft.}$ Or 1.79 M^2			
26.	Providing 12 mm thick in wall cement plast in C.M. (1:6) 5.7.3. ----- all complete job ----- Inner side : -- $37'8" \times (10'0" - 5'6") = 169.50 \text{ sft.}$			

	<p>Outer side : -- $2(9'7'' + 8'7'') \times (10'0'' + 1'6'') = 417.82 \text{ sft.}$ <u>Deduction</u> : ----- Door : -- $1 \times 2'6'' \times (10'0'' - 5'6'') = (-) 11.25 \text{ sft.}$ $1 \times 2'9'' \times 7'0'' = (-) 19.25 \text{ sft.}$ Window : -- $2 \times 2'0'' \times 3'0'' = (-) 12.00 \text{ sft.}$ Total = 594.82 sft. Or 50.63 M²</p>			
27.	<p>Providing 6 mm thick cement plaste in C.M. (1:4) in ceiling --- 5.7 Total Area : -- 51.25 sft. Projection : -- $19'2'' \times (0'6'' + 0'4'') = 15.97 \text{ sft.}$ Total = 67.22 sft. Or 6.25 M²</p>			
28.	<p>Making plinth protection of 50 mm thick of cement concret DSR 4.17. over 75 mm thick brick flat soling and over sand filling including necessary excavation, leveling, dressing and finishing the top smooth ----- 50 feet or 15.24 M x 1.00 M = 15.24 M²</p>			
29.	<p>Providing 150 mm wide brick drain in C.M. (1:6) with 5.10.34 av. 150 mm clean depth and 125 mm apron ----do ---- 15.24 M</p>			
30.	<p>Providing two coats of snoweom over a coat of cement 58.24. primer over new surface ----- Ceiling = 6.25 M² <u>Wall = 50.63 M²</u> Total = 56.63 M²</p>			
31.	<p>Providing two coats of synthetic enamel paint make over 5.8.45. steel surface ----- Door roof : -- $33'3'' \times 0'10'' = 27.70 \text{ sft.}$ Grill : -- $2 \times 2'0'' \times 3'0'' = 12.00 \text{ sft.}$ Total = 39.70 sft. Or 3.69 M²</p>			
32.	<p>Providing teo coats of synthetic enamel paint over new 5.8.32. wooden surface ----- Door shutter : -- $2 \times 2.98 \text{ M}^2 = 5.96 \text{ M}^2$</p>			
33.	<p>Providing primer coat of lead paint over new steel surface ---- 5.8.41. 3.69 M²</p>			
<u>Sanitary & Water Supplying</u>				
34.	<p>Constructing Masonary chamber of 75 B brick work DSR 18.37. 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 plastering with cement mortar (1:3) with cement punnig 18.37.1. 3 Nos.</p>			
35.	<p>Providing & fixing Unplasticised Rigid PVC pipe DSR 12.41. including jointing with steel ring ----- (1) Single Socketed pipe ---- 12.41.1. 75 mm diameter ---- 0.125 M 12.41.2. 110 mm diameter ----- 12 M</p>			
36.	<p>Providing & fixing Unplasticised Rigid PVC DSR 12.42. moulded fittings ----- Single Tee with door : ---- 75 x 75 x 75 mm --- 2 Nos 110 x 110 x 110 mm --2 Nos</p>			
37.	<p>Providing & fixing CPVC pipes for water supplying</p>			

	18.2. including all CPVC plain & brass threaded fittings 18.7.1. Internal work --- Exposed on wall ----- 15 mm nominal outer dia. Pipe 9 M 18.7.3. 25 mm nominal outer dia. Pipe 20 M			
<u>Guest House Tank</u>				
38.	Providing & fixing water closed Squatting pan white 17.1.1. vitreous china Orissa pattern w.e. Pan size - 580 x 440 mm with foot rest.with P & S Trap including 10 litre low level PVC flushing eastern --do all complete job 1 Nos			
39.	Providing & fixing white vitreous china flat back or 17.23. wall conner type lipped front urinal basin of 430 x 260 x 350 mm or 340 x 410 x 265 mm size ----2 Nos			
40.	Providing & fixing wash hand basin with C.I. brackets 17.7.2. 15 mm C.P. brass pillar taps 32 mm C.P. brass waste of standard pattern white vitreous china wash basin Size – 630 x 450 mm with a single 15 mm C.P. brass pillar Tap all complete -----1 Nos			
41.	Providing & fixing C.P. brass bib cock ----- 18.49.1. 15 mm dia. Nominal bore -----2 Nos			
42.	Providing & fixing PVC waste pipe for urinal or 17.28.2.2. wash basin including PVC waste fittings flexible pipe 40 mm dia. ---3 Nos			
43.	Providing & fixing PTMT Urinal cock -15 mm 17.76.1. nominal bore 80 mm long 42 mm high and 30 mm wide with BSP female threads -----2 Nos			
44.	Providing & fixing ball valve (brass) of approved 18.18.3. quality High / Low pressure with plastic floats complete 25 mm nominal bore -----1 Nos			
45.	Providing & fixing UnplasticisedPvc Connection 18.21.2.1.pipe with brass Unions : --- 45 cm long , 15 mm dia. Nominal bore -----4 Nos			
46.	Providing & fixing C.P. brass stope cock of standard 18.52.1. ----- 15 mm nominal bore -----4 Nos			
47.	Providing & fixing C.P. brass extension nipple size 18.53 15 mm x 50 mm ----- (A) 6 Nos			
48.	Providing & fixing PTMT Soap dish length – 138 mm, 18.65. breadth – 102 mm, height – 75 mm -----1 Nos			
<u>ELECTRICAL INSTALLATION(Guest House Toilet Block)</u>				
49.	Point Wiring in PVC Conduit for light point / Fan point 1.1.3. with 1.50 Sqmm F.R. PVC insulated copper conductor for single core cable -----Group © 3 Nos			
50.	Wiring for Circuit / Sub main wiring along with earth 1.14.2. wire FR PVC insulated copper conductor single core cable with PVC Conduit ----- 2 x 2.5 Sqmm + 1 x 2.5 Sqmm earth wire -----15 M			
51.	Supplying & fixing G.I. Metal /PVC bore of phenolic 1.22. Laminated sheet cover in front --- 100 mm x 100 mm x 60 mm deep -----3 200 mm x 150 mm x 60 mm deep -----1 Nos			
52.	Supplying & fixing piano Type Switch / Socket			

	1.23. including Connection ----- 5/6 Amps Switch – 3 Nos 3 pin 5/6 Amps Socket – 1 Nos			
53.	32 Amps Capacity TP & N disconnector fuse 2.1.1. Switch Unit inside ----- 1 Nos			
54.	<u>Carriage of Materials</u> : ----- (1) Sand av. Lead 25 km – 10.04 M ³ @ (2) Bricks av. Lead 30 km – 5939 Nos @ Stone chips av. 58 km – 4.28 M ³ @			
<u>GUEST HOUSE BUILDING</u> <u>ELECTRICAL INSTALLATION</u>				
01.	Supplying & Fixing PVC / G.I. box on surface with suitable size of phenolic laminated sheet Cover in front ----- 6” x 12” – 8 Nos 1.22.4. 4” x 10” – 5 Nos 1.22.1. 4” x 4” – 7 Nos 1.22.2. 4” x 7” – 14 Nos 1.22.6. 6” x 8” – 4 Nos			
02.	Supplying & Fixing Modular type switch / socket 1.24.5. including connection -----do----- 15/16 Amp, 6 pin socket outlet . 31+7 Nos = 38 Nos 1.24.1. 5/6 Amp, one way switch 97+3 Nos = 100 Nos 1.24.3. 15/16 Amp, one way switch 12+10 Nos = 2 Nos			
03.	Point Wiring in PVC conduit for light point with 1.1.3. 1.5 sq mm FR PVC insulated copper conductor or single core cable : ----- Group (c) 54+6 points = 60 points			
04.	Wiring for circuit / sub main wiring with earth 1.7.4. wire PVC insulated copper conductor single pole cable 2 x 6 sq mm – 90’0” or 27.50 M 1.7.11. 4 x 10 sq mm + 2 x 10 sq mm earth.6 M 1.7.2. 2 x 2.50 sq mm + 1 x 2.5 sq mm earth wire. 139 ft or 42.50 M			
05.	Supplying & Fixing STEPPED Type Electronic fan 1.25 regulator including connecting connections ----10 Nos			
06.	Supplying & fixing 2 pin 5 Amp ceiling rose circular 1.33. including connection: ----- 33 Nos			
07.	Supplying & fixing Angle Holder including connection 1.34. 41 Nos @			
08.	Providing and fixing 100 Amp 4 pole ON/OFF load 2.6.5. changeover switch with side handle operation, including connection . -1 Nos			
09.	Supplying & fixing single pole neutral sheet MCB distribution board 240 Volts 12 Way single door (Excluding the cost of MCB) 2.8.5. 12 Way Single door 1 Nos @ 2.8.3. 6 Way Single door 1 Nos			
10.	Supplying & fixing 240 Volts “C” series for inductive			

	2.6.5. loads with connection ----- 2.12.1. 6 to 32 Amp Single Pole MCB. 16 Amp (12+6) = 18 Nos			
Sanitary Installation Water Supplying				
11.	Providing & fixing CPVC pipe including all CPVC plains & brass threaded fittings ---do---all complete--- - DSR 18.8.2. 20 mm outer dia. Pipe ----- 4 x 12'0" = 48 feet. Or 14.63 M 2			
12.	Providing & fixing C.P. brass angle valve ---do--- 18.53.1 15 mm nominal bore 4 x 2 Nos = 8 Nos			
13.	Providing & fixing C.P. brass bib cock ----- 18.49.1. 15 mm nominal bore 4 x 2 Nos = 8 Nos			
14.	Providing & fixing PTMT. Towel rail complete 17.73.2. with bracket. 600 mm long Towel rail. 4 x 1 Nos = 4 No			
15.	Proving & fixing PTMT. Liquid soap Container 109 mm wide, 125 mm heigh and 112 mm distance from wall ----- 17.71 4 x 1 Nos = 4 Nos			
16.	Providing & fixing C.P. brass shower rose with 18.22.1. 15 or 20 mm inlet ----- 100 mm diameter ----- 4 x 1 Nos = 4 Nos			
17.	Providing & fixing Unplasticised PVC Connection pipe with brass Unions Coupling ---- 18.21.2. 45 cm long length. 18.21.2.1. 115 mm nominal bore ---- 4 x 2 Nos = 8 Nos			
18.	Providing & Fixing PVC Wastepipe for wash basin including PVC waste fitting Complete ----- 17.28.2. Flexible pipe ----- 17.28.2.2. 40 mm dia. - 4 x 1 Nos = 4 Nos			
19	Providing & laying 60 mm thick factory made DSR 16.58 making cement concrete interlocking paver block Of M-30 grade, over and including 50 mm thick Compacted bed of Coarse sand ----do----- 1228.50 sft or 114.17 M ²			
<u>Guest House</u>				
Top of Roof ----- PARAPET Total Length --- 32'0" + 32'4" + 41'10" + 23'0" = 129'3"				
20.	Providing 75 B brick work in C.M. (1:6) in super structure . 5.2.14 Total Length of Parapet 129'3" x 0'10" x 3'0" = 323 cft. Or 9.14 M ³			
21.	Providing 25 mm thick damp proof course (DPC) in (1:2:4) 5.3.16. with stone chips 20 mm to 6 mm size graded ----- Top of wall parapet 129'3" x 0'10" = 107.66 sft. Or 10.00 M ²			
22.	Providing 12 mm thick cement plaster in C.M. (1:6) with			

	<p>5.7.3. clean coarse sand -----</p> <p>Inside + Outer side $2 \times 129'3'' \times 3'1'' = 796.96 \text{ sft.}$</p> <p>Top of Parapet $1 \times 129'3'' \times 0'10'' = 107.66 \text{ sft}$</p> <p>Total = 904.62 sft.</p> <p>Ors 84.07 M^2</p>			
23.	<p>Providing two coats of snowcem over a coat of cement</p> <p>5.8.24. primer over new surface -----</p> <p>Quantity as per above ---</p> <p style="text-align: right;">84.07 M^2</p>			
24.	<p>Extra for Brick Work for each Consecutive floor above 1st floor</p> <p>5.2.27. including watering and seaf folding all complete</p> <p>job -----</p> <p style="text-align: right;">9.14 M^3</p>			
	Total quoted cost (Rs.)			