

**CORRIGENDUM / ADDENDUM - 01**

**REF: E-Tender No. : NISER/ IWD-Civil/Services/2018/14, Dated: 09.10.2018**

**ITEM: Renovation & Maintenance work in health centre of NISER Campus, Jatni**

(A) The tender date is extended as per the following.

- i) The date & time of submission of E-Tender: 31/10/2018 up to 12.30 P.M.
- ii) The date & time of opening of E-Tender : 31/10/2018 at 04.00 P.M.

All other terms and conditions of the above mentioned E-Tender will remain unchanged.

**Registrar**



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर  
(परमाणु उर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान)  
**NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHUBANESWAR**  
(AN AUTONOMOUS INSTITUTE UNDER DEPT. OF ATOMIC ENERGY, GOVT. OF INDIA)

NIT No. & Date: - NISER/IWD-Civil/Services/2018/14, Dtd-09.10.2018.

Name of Work: - Renovation & Maintenance work in  
Health Centre of NISER Campus,  
Jatni.

Estimated Cost of Tender: -	Rs 3,92,510.00
Completion Time: -	90 days
Earnest Money : -	Rs. 7,850.00
Cost of tender (non-refundable):-	Rs. 500.00 (Rupees Five Hundred Only).

**NOTE:**

1. The details of tender notification can be downloaded from [www.tenderwizard.com/NISER](http://www.tenderwizard.com/NISER) under "**Tender Free View**" link.
2. Vendors should obtain the USER ID and PASSWORD from [www.tenderwizard.com/NISER](http://www.tenderwizard.com/NISER) by clicking on "**REGISTER ME**" link in the homepage.
3. The Vendor registration fees has to be paid to ITI Ltd for Rs. 1180/-. Using the e-payment link provided at the time of registration, and the mode of payments are Credit Card, Debit Card and Internet Banking. Vendor Registration is Valid for 1year.
4. For further details on e-Tender participation, please contact ITI Help desk on
  - Telephone: 080-49352000/9686115318
  - Email: [harishkumar.kb@etenderwizard.com](mailto:harishkumar.kb@etenderwizard.com), [ambasa@etenderwizard.com](mailto:ambasa@etenderwizard.com).
5. Tenders should be submitted only through e-Tender portal and obtain the Tender Acknowledgement copy as a proof of successful submission.



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**TENDER DOCUMENTS**

NIT No. NISER/ IWD-Civil/Services/2018/14,

Dtd-09.10.2018

Name of work: “Renovation & Maintenance work in Health Centre of NISER Campus, Jatni.”

**I N D E X**

Sl. No.	Particulars	Remarks
1.	Particulars of Contractor	<b>First Part- Technical Bid</b>
2.	Eligibility Criteria	
3.	Abstract of general terms and conditions	
4.	Checklist of documents	
5	Experience of Contractor	
6	Bill of Quantities	<b>Second Part - Financial Bid</b>

NOTE: Tender can be downloaded and bided from website address: [www.tenderwizard.com/NISER](http://www.tenderwizard.com/NISER). Tender documents for viewing only are also available in NISER web-site address: [www.niser.ac.in](http://www.niser.ac.in)

SIGNATURE OF THE OFFICER ISSUING TENDER

## NAME OF THE WORK

Renovation & Maintenance work in Health Centre of  
NISER Campus, Jatni

## FIRST PART

## TECHNICAL BID

### NOTE

The tenderer should enclose the following documents along with the Technical Bid otherwise tender will be summarily rejected.

- 1)
  - a) Scanned copy of self-attested works completion certificate during the last seven years from Govt./Semi- Govt. organization not below the rank of E.E as per NIT.
  - b) Scanned copy of self-attested valid Registration Certificate.
  - c) Scanned copy of self-attested PAN card.
  - d) Scanned copy of self-attested GST Registration certificate.
  - e) Scanned copy of the cost of tender paper for the bidders and EMD amount in separate D.D's as per NIT.
- 2) Also, contractors shall submit the above documents (self-attested) with original for verification before opening of technical bid for verification with original DD for EMD and cost of tender. The bidder those who will not submit the self-attested hard copies of required documents in the office, the technical bid of the bidder will not be opened.
- 3) Incomplete/Partial bid or bid not submitted in prescribed format will be rejected.



**राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर**  
(परमाणु उर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान)  
**NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHUBANESWAR**  
(AN AUTONOMOUS INSTITUTE UNDER DEPT. OF ATOMIC ENERGY, GOVT. OF INDIA)

**NOTICE INVITING TENDER**

Director, NISER invites online tender on Single bid system for the following work:-

NIT No. NISER/ IWD-Civil/Services/2018/14

Dated: 09.10.2018

Name of the Work: - Renovation & Maintenance work in Health Centre of NISER Campus,  
Jatni

Estimated Cost	:	Rs 3, 92, 510.00
Earnest Money	:	Rs.7850 .00
Time of Completion	:	90 Days
Cost of tender (non-refundable)	:	Rs. 500.00 (Rupees Five Hundred Only)

Tender can be downloaded and bided from website address: [www.tenderwizard.com/NISER](http://www.tenderwizard.com/NISER).  
Tender documents for viewing only are also available in NISER website address:  
[www.niser.ac.in](http://www.niser.ac.in)

Last date of submission of tender (online) : 23 Oct, 2018 up to 12.30 PM.

Original EMD & Tender Paper cost submission at Office : 23 Oct, 2018 up to 3.45 PM.

Tender Opening date : 23 Oct, 2018 at 04.00 PM.

**Registrar, NISER**



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर  
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(AN AUTONOMOUS INSTITUTE UNDER DEPT. OF ATOMIC ENERGY, GOVT. OF INDIA)

**Tender Notice**

NIT No. NISER/ IWD-Civil/Services/2018/14

Dated: 09.10.2018

Director, NISER hereby invites item rate tender in single parts for the following work of “Renovation & Maintenance work in Health Centre of NISER Campus, Jatni “from contractors of CPWD/MES/Railways/State PWDs and/or those who have worked for DAE or its Organizations or Govt. /Semi Government organizations and have successfully carried out a minimum of one/two/three similar works of 80%/60%/40% respectively of the estimated cost or above as indicated below, during the last seven years. The eligible contractors may submit their bid along with supporting documents of fulfilling the above conditions otherwise the bids bear the risk of not being considered. The eligible contractors are also required to submit the self-attested copies of PAN Card, Registration and GST Registration certificate.

In support of fulfilling all the essential conditions mentioned in the previous Para the contractor shall submit the past details, mentioning the name of work, estimated cost, tendered amount, gross value of work done, date of commencement as per agreement & actual date of completion as per agreement along with schedule of quantities executed and any penalty levied due to delay in executing the work from an officer not below the rank of Executive Engineer (Civil).

Estimated Cost	EMD	Performance Security	Security Deposit	Time of completion
Rs.3,92, 510.00	Rs 7, 850.00	@ 5% of tendered amount	A sum @ 5% of the gross amount of the bill shall be deducted from each running bill till the sum amounts to Security Deposit @ 5% of the tendered amount of the work.	90 days from the date of receipt of acceptance letter/ submission of PG

Tender can be downloaded and bided from website address: [www.tenderwizard.com/NISER](http://www.tenderwizard.com/NISER). Tender documents for viewing only are also available in NISER website address: [www.niser.ac.in](http://www.niser.ac.in). The **tender cost of Rs. 500.00 & EMD of Rs. 7,850.00**, separately in the form of A/C payee DD/ Banker’s cheque drawn on any scheduled Bank, in favor of **Director, NISER**.

The tender documents are to be submitted in single parts. Self-attested documents in support of eligibility criteria of the contractor, Technical bid, tender cost and EMD are to be uploaded online. The second part with scheduled items of work & price quoted are to be uploaded in prescribed format as Financial Bid. The bidders those who are applied online have to submit the hard copies along with original documents mentioned in NIT on or before **23 Oct, 2018 upto 3.45 PM and bid will be opened at 04.00 PM on 23<sup>rd</sup> Oct, 2018**.

Director, NISER, reserves the right to accept/reject any/all tenders without assigning any reason whatsoever. Part or incomplete tenders will be summarily rejected. No further correspondences whatsoever shall be entertained in this regard. Canvassing in any manner shall result in rejection of the tender.

Any dispute arising out of this shall subject to Bhubaneswar jurisdiction only.

**Registrar, NISER**

## **General Terms and Conditions:**

1. Online item rate tenders are hereby invited in single bid format for the work of “Renovation & Maintenance work in Health Centre of NISER Campus, Jatni”. The estimated cost of work is **Rs. 3, 92, 510.00**. The Earnest Money Deposit is **Rs. 7, 850.00**. Contractors of CPWD/MES/ Railways/State PWDs and/or those who have worked for DAE or its units or in any Govt./Semi Govt. organizations and have successfully carried out minimum one/two/three similar work of 80%/60%/40% respectively of the estimated cost and above during the last seven years, The eligible contractors may submit their bid along with supporting documents of fulfilling the above conditions otherwise their bids bear the risk of not being considered. **The contractors those who are applied online also required to submit the self-attested copies of PAN CARD, registration, GST registration certificate EMD (Original) & Tender Paper Cost (Original) before opening of the technical bid on or before 23<sup>rd</sup> Oct, 2018 upto 3.45 PM.**

In support of fulfilling all the essential conditions mentioned in the previous Para the contractor shall submit the details, mentioning the name of work, estimated cost, tendered amount, gross value of work done, date of commencement as per agreement & actual date of completion as per agreement along with schedule of quantities executed and any penalty levied due to delay in executing the work from an officer not below the rank of Executive Engineer (Civil).

2. The estimated cost of the work is **Rs. 3, 92, 510.00** (Rupees Three Lakh Ninety Two Thousand Five Hundred Ten only).
3. Period for completion of the work will be **90 Days** and the date of commencement shall be reckoned from the seventh day of issue of award letter.
4. The tender documents can be made available for viewing only at NISER website [www.niser.ac.in](http://www.niser.ac.in).
5. Tenders can only be viewed from website [www.niser.ac.in](http://www.niser.ac.in). The cost of tender document (Non-transferable) shall be submitted along with the technical bid. Please note that tender documents are not transferable. Tender can be downloaded and bided from website address: [www.tenderwizard.com/NISER](http://www.tenderwizard.com/NISER).
6. **Tenders complete in all respects, will be accepted through online up to 12.30 PM on 23rd Oct 2018. The bid shall be opened at 04.00 PM on 23<sup>rd</sup> Oct 2018.** Please note, that bids submitted without tender cost and EMD are summarily being rejected. The bidder those who will not submit the self-attested hard copies of required documents in the office, the bid of the bidder will not be opened.
7. The Earnest Money amounting to **Rs. 7, 850.00 (Rupees Seven Thousand Eight hundred Fifty only)** as demand draft or pay order from any scheduled Bank and drawn in favor of the **Director, NISER** should be deposited along with the tender documents. **Tender received without earnest money will be invalid and rejected.**
8. Director, NISER does not bind himself to accept the lowest or any tender and reserves the right to accept the tender either in whole or in part of the tender and the tenderer shall be bound to perform the same at the rates quoted. The decision of the Director shall be final in this regard.

9. Canvassing in connection with the tenders is prohibited and the tenders submitted by the contractor who resort to canvassing are liable for rejection.
10. The tenderer shall not be permitted to tender for works in the concerned unit of DAE in which a relative is posted in the grade between Controller of Administration and Scientific Assistant (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him and who relatives are as mentioned above.

**NOTE:-**

A person shall be deemed to be a relative of another if, (a) they are members of a Hindu undivided family; or (b) they are husband and wife; or (c) the one is related to the other in the following manner : Father, Mother (including step mother), Son (including step son), Son's wife, Daughter (including step daughter), Father's father, Son's son, Son's Son's wife, Son's daughter, Son's daughter's husband, Daughter's husband, Daughter's son, Daughter's son's wife, Daughter's daughter, Daughter's daughter's husband, Brother (including step brother), Brother's wife, Sister (including step sister), Sister's husband.

11. The Bid shall remain valid for a minimum period of 90 days from the date of opening of the tender for the purpose of acceptance and award of work. Validity beyond 90 days from the date of opening shall be by mutual consent.
12. The tenderer should see and obtain the drawings. In case of any queries, necessary clarifications may please be sought from the office of the Scientific Officer-D (Civil). No claim whatsoever will be entertained in this regard for any alleged ignorance thereof.
13. **Performance Guarantee** is liable to be forfeited if the contractor fails to commence the work as per award letter.
14. Some of the provisions of the contract are given below.
  - a) **DEFECT LIABILITY PERIOD** - Twelve months from the date of completion as certified by the authorized engineer.
  - b) **MINIMUM VALUE OF WORK FOR THE INTERMEDIATE CERTIFICATE**  
Intermediate certificate for a lesser amount can be admitted for payment at the discretion of the Institute.
  - c) **SECURITY DEPOSIT** - A sum @ 5% of the gross amount of the bill shall be deducted from each running bill of the contractor, till the sum amount to security deposit of 5% of the tendered value of the work. In addition, the contractor shall be required to deposit an amount equal to 5% of the tendered value of the contract as **Performance Security** within the period prescribed for commencement of work in the letter of award issued to him.
  - d) **COMPENSATION** – In the event of any delay in completion of the work beyond the scheduled period, the contractor shall pay an amount equal to **one per cent** of the total cost of work or such smaller amount as decided by Director, NISER (whose decision shall be final) as compensation to the institute, for every week that the work remains un-commenced or unfinished. Compensation to be paid shall not exceed **ten per cent of the estimated cost** of the total work as per award letter.



15. Stores to be issued: - No material shall be issued by the Institute. The responsibility for arranging all materials from approved manufacturer as per award letter lies with the contractor.
16. Taxes as applicable will be deducted from every RA bill and also from the final bill of the contractor at the rate prescribed by govt. of India from time to time.
17. The price quoted by tenderer mentioned in work schedule shall be inclusive of all taxes and duties and no taxes or duties will be paid extra.
18. Escalation cost will not be given for the work which the stipulated period of completion is 18 (Eighteen) months or less.
19. The successful bidder will be required to inform the names, qualifications and experiences of the supervising staff to be deployed for execution of the work. In case of any changes occurring during the course of execution of the said work, the same shall also be intimated by the bidder to the institute.
20. The Contractor shall have to make his own arrangements for storage of materials required for execution of the work and NISER in any manner shall not be held responsible for the storage and safe custody of the said materials at work site.
21. Water charges @1% will be deducted from the Contractor's bill.
22. The power will be supplied on request at one point within 50 meter of the building premises. The contractor shall install his own main switch, energy meter, cables, electric board/switch room etc. of adequate capacity and of suitable type to receive, control and further distribute the power involved. The exact location and further details about the supply point will on receipt of the contractor's application be decided upon by the Department, whose decision in the matter will be final and binding. The total final connected load and the anticipated maximum demand shall be furnished by the contractor about one month in advance of the actual initial requirement and for any addition in load subsequent to initial supply, at least one week's notice from the date of submission of installation test report for the said additional load will be given. The electricity charges will be deducted from the contractor's bill as per actual meter reading.
23. At the time of starting the work the contractor has to inform the list of tools and plants brought to the site work. No items other than the list submitted will be allowed to be taken out of the site.
24. The work should be executed during day time only for safety reason.
25. Tenderers shall inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the site and shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not. Submission of a

tender implies that the tenderer has read the complete contract documents and is aware of the conditions, specification of the work to be done and of the local conditions and other factors having a bearing on the execution of work. Any claim either for extra amount or for additional time for execution due to ignorance about the site and working condition is not payable.

26. It is the sole responsibility of the tenderer to ensure proper lightning/visibility, access (ladder etc.) and any other safety measures for the trained personnel during work.
27. The work will be executed as per CPWD, DAE procedure of work and direction of Engineer-In-charge.
28. All the materials shall be inspected in the presence of Department of their representative.
29. No materials/equipment shall be shipped to site unless the sample of the same is inspected, tested and certified for acceptance by the Department or their representative as per applicable standards.

**Registrar, NISER**

**NAME OF THE WORK**

Renovation & Maintenance work in Health Centre of  
NISER Campus, Jatni

**SECOND PART**

**FINANCIAL BID**

## FINANCIAL BID

# Renovation & Maintenance work in Health Centre of NISER Campus, Jatni

Sl.No	Item Description	Units	Quantity	Rate	Amount
1	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material within 50 meters lead as directed by Engineer-in-charge.	Sq M	52.50		
2	Providing & fixing in position following approved quality CP fittings / Fixtures of 15 mm nominal dia. with ISI mark / approved make of following type including providing & fixing specials, wall flanges and fixing to concealed / exposed pipe line with leak proof threaded joints using tephlon tapes, testing the joints hydraulically to a pressure of 10 kg./ sq.cm, rectifying the leaky joints. If any, including cleaning etc. complete all as per specifications.				
2A	Hindware F280002CP Bib Cock (Flora) with Chrome Finish	Each	2.00		
2B	Hindware Stop Cock F280004CP with Chrome Finish	Each	2.00		
2C	Hindware Immacula accessories 60cm Towel Bar (Chrome)	Each	1.00		
3	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter	Sq M	82.00		

	channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long drywall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of drywall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cut-outs made with frame of perimeter channels suitably fixed, all complete as per drawings (attached with tender document), specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum moisture resistant board				
4	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	Sq M	82.00		
5	Providing & fixing vitreous china wall hung wash basin of 460*360 mm size, 32 mm waste coupling & 32 dia waste pipe etc. all complete, hung in wall through anchor bolt, including cost of anchor bolt, waste coupling & waste pipe of approved make or as directed by EIC.	Each	1.00		
6	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings/valves, i/c cutting & jointing with existing PPR/GI line and fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases/holes and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.				
6A	20 mm nominal outer dia Pipes	Metre	40.00		
6B	40 mm nominal outer dia Pipes	Metre	5.00		

7	Providing & fixing Water Inlet connection braided hose pipe of approx. 450 mm long with CP brass check nuts, nipples etc. On both ends and fixing it in position as directed including the cost of jointing materials and testing for leak proof joints all complete.	Each	2.00		
8	Renewing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung in existing windows as per direction of Engineer in-charge complete. : 255 X 19 mm	Each	20.00		
9	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing required fittings such as tee/reducer/short piece/bend etc. , including cutting and threading the pipe etc. complete :				
9A	50 to 80 mm nominal bore	Each	5.00		
9B	25 to 40 mm nominal bore	Each	2.00		
10	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required : Size 600x450x300 mm	Each	1.00		
11	Providing and fixing on wall face un-plasticised - PVC moulded fittings/ accessories for un-plasticised Rigid PVC water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382 at any floor level. This also includes cutting of old UPVC pipes and fixing of new fittings wherever required or as per the direction of EIC. Socketed fittings, Y-Piece-110*40	Each	2.00		
12	Cutting holes up to 45x45 cm in walls including making good the same: With common burnt clay F.P.S. (non-modular) bricks	Each	4.00		
13	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 of minimum 6mm thickness or thickness to be specified by the manufacturer, of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sq M	56.36		

14	<p>Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 gms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fibre acoustical fleece.</p>	Sq M	14.38		
15	<p>Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, with cement based high polymer modified quick-set tile adhesive (Water based) conforming to IS: 15477, in average 6mm thickness including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600 mm.</p>	Sq M	29.33		

16	Renewing glazing in existing aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge. : With float glass panes of 5.50 mm thickness	Sq M	4.00		
17	Providing and fixing 12 mm solid ply conforming to IS: 303 marked, Exterior BWP grade Plywood as per design & drawing (attached with tender document) including teak veneering of approved brand, to be fixed in gypsum board ceiling with necessary screws etc complete as per direction of the Engineer-in-Charge.	Sq M	12.00		
18	Providing edge moulding to 18 mm thick marble stone counters, Vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge. Granite work	Metre	128.00		
19	Providing and fixing wooden moulded corner beading of triangular shape to the junction of panelling etc. with iron screws, plugs and priming coat on unexposed surface etc. complete 2nd class teak wood. 25x25 mm (base and height)	Metre	12.00		
20	Providing and fixing plywood 4 mm thick, one side decorative veneer conforming to IS: 1328 (type-1), for plain lining / cladding with necessary screws, including priming coat on unexposed surface with : Decorative veneer facings of approved manufacture	Sq M	70.00		
21	Polishing on wood work with ready mixed wax polish of approved brand and manufacture : New work	Sq M	70.00		
		Total			

Note: Rate quoted shall be inclusive of all taxes and no extra claim be made except the rate quoted.