



## **Institute of Infrastructure, Technology, Research And Management**

(An Autonomous University established by Government of Gujarat)

IITRAM Campus, Parishkar Campus, Near Khokhra Circle,  
Maninagar (East), Ahmedabad – 380026, Gujarat.

Phone: 079-67775430

E-mail: office@iitram.ac.in

Website: www.iitram.ac.in

No.: 06/2022

Date: 29/03/2022

### **Notice Inviting Tender**

Name of Work	Annual Rate Contract for Civil Maintenance Work at IITRAM
Tender Fee	Rs.1770/- (Including @18% GST)
EMD	Rs.75,000/- (Refundable)
e-Tender Issue Date	29/03/2022
Last Date for Online bid Submission	29/04/2022 till 18:00 hrs.
Last date for Physical bid Submission	02/05/2022 till 17:00 hrs.
Date for Opening of Technical bid	04/05/2022 at 11:00 hrs.
Date for Opening Financial bid	<b>To be announced later</b>
Tender Inviting Authority and Address	The Registrar Institute of Infrastructure, Technology, Research And Management, Near Khokhra Circle, Maninagar (East), Ahmedabad – 380026, Gujarat.

# **Institute of Infrastructure, Technology, Research And Management** **Near Khokhra Circle, Maninagar (East), Ahmedabad – 380026.**

**Name of Work:** Annual Rate Contract for Civil Maintenance Work at IITRAM

Sir/Madam,

The Institute of Infrastructure, Technology, Research And Management (IITRAM) invites quotations for Annual Rate Contract for Civil Maintenance Work at IITRAM under “two bid system in e-tender format.” Interested parties who wish to participate in this e-Tender may obtain the tender documents from IITRAM website [www.iitram.ac.in](http://www.iitram.ac.in) or from <https://education.nprocure.com>. Bidders have to submit the technical documents through RPAD, speed post or in Person till the last date and time prescribed for submission. Tender sent by other means will not be accepted in any case. EMD, Tender Fee, and other essential documents should be submitted on or before **02/05/2022** till 17:00 hrs. in the office of the IITRAM, Near Khokhara Circle, Maninagar (East), Ahmedabad-380026. Financial bid is to be submitted in electronic form only on nProcure site. (<https://education.nprocure.com>).

## **1. Eligibility Criteria**

- a) The Firm should have valid license for executing Civil Works.
- b) The Firm should be Registered for GST (Goods and Service Tax). The bidder will have to provide GST Registration Number (In absence of the same, bid will not be considered for the commercial opening.)
- c) **The firm should have annual turnover of Rs.1.00 Cr. at least one year during last three years.**
- d) The firm should have exposure of supply of construction material and executing civil works at least 5 years with 2 or more Government / Semi Government entity. The firm should provide a certificate of satisfactorily completion of work.
- e) The firm should have minimum 2 employees possessing diploma engineer/ ITI civil works from Government recognized Institute.

## **2. General Terms and Conditions of Contract**

- a) The firm have to quote for all item mentioned in particular Annexure-I.
- b) The bid is to be quoted for full quantity mentioned in the bid document as per Annexure. Part quantity will not be accepted.
- c) The items for which quotations have been submitted must be in accordance with the description given in Annexure-I.
- d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

- e) The offer shall be valid up to 90 days from the date of opening of Technical bid.
- f) 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 tender are not fully filled in. Particular attention must be paid to delivery date and also to the particulars referred to in the condition of the contract.
- g) Financial bids will be opened in online format of technically qualified bidders only
- h) Tenders not complying with the above conditions are liable to be rejected at the sole discretion of IITRAM without any further reference / communication.
- i) This tender is not transferable
- j) IITRAM reserves the right to choose, accept or reject any or all requests/deviations/offers, in full or part and also reserve the right at any stage to reduce or increase the quantity and split the order.
- k) The firm has to submit following documents copy along with necessary seal, signature:
  - i. Firm Registration Certificate
  - ii. GST Number
  - iii. Pan Card
  - iv. Last Three Year Income Tax Return
  - v. **The firm should have Annual turnover of Rs.1.00 Cr. atleast one year during last three years. CA certificates shall be required.**
  - vi. The firm should provide minimum of 05 satisfactorily work completion certificates of civil works. Minimum 02 such certificates from Government / Semi-Government entity.
- l) **Performance Security:** The successful Bidder shall be required to furnish/deposit Performance Bank Guarantee from any nationalized bank @5% of the total cost of the Contract for the duration of warranty plus additional two months in favor of “**IITRAM**” within 30 days of the receipt of the order. If the bidder fails to comply with the above requirements within the said period, the EMD already deposited by him/ them shall be applicable for forfeiture and IITRAM shall purchase the items required at the risk and cost of the successful Bidder.
- m) All or any Claim(s), dispute(s) or difference(s) arising out of or in with connection with this agreement shall be subject to the jurisdiction of the Courts at Ahmedabad only.
- n) The Bidder shall have to enter into the Agreement in the prescribed Performa (In Rs.300 Stamp Paper).
- o) If the firm is blacklisted by central government or state government or any other government body, then its submitted tender will be rejected. It is essential for bidder/firm to submit undertaking (Annexure-IV) on its letter head that the bidder/firm is not blacklisted failing which the tender will be summarily rejected.

- p) The successful bidder has to visit the site personally within 07 days for the allotted work after receipt of the Work Order
- q) No Bidder shall withdraw his rates after the tender is opened. If a Bidder does so, his tender deposit shall be forfeited and such Bidder shall be considered ineligible for work/contract in future.
- r) **The successful bidder shall finalize materials for execution of work in consultation with IITRAM officials.**
- s) If there happens to be a holiday on any date indicated in this NIT, the transaction shall be performed on the next working day.

### 3. Submission of Bids:

- The Tender document can be downloaded from website [www.iitram.ac.in](http://www.iitram.ac.in) or from [https:// education.nprocure.com](https://education.nprocure.com). The fully filled in and complete in all respect tender must be submitted with Tender Fee in the form of Demand Draft in separate cover in favor of the “IITRAM” payable at Ahmedabad. Please mention tender number, and name of bidder on back side of DD.
- The bidder has to submit the tender in two parts viz, (a) Technical Bid in envelop no.1 and (b) EMD in envelope No.2 both these envelopes should be sealed and put together in a covering envelope, super scribed with, Please Don’t Open, bid for “Annual Rate Contract for Civil Maintenance Work at IITRAM, Ahmedabad”, due date, tender number, and complete address. The bidder has to submit duly filled Annexure-II with technical bid in hard copy.
- The bidder has to submit financial quotation online only at [www.nProcure.com](http://www.nProcure.com) website only.
- Technical bid shall consist of technical details. The tender form shall be submitted with this bid duly signed by the bidder.
- The bidder has to provide the make, model and detail technical specifications of the quoted item(s) and provide the technical specification of item as mentioned in Annexure-I. without this information, bid submitted by the bidder will be rejected.
- **EMD:** As indicated above, it should be submitted only in form of Demand Draft in favor of the “IITRAM” payable at Ahmedabad. The EMD is refundable. Please mention tender number, name of bidder on back side of DD.
- All parties have to pay EMD and Tender fee otherwise tender will be summarily rejected.

### 4. Evaluation of Quotations

The tender evaluation committee of the IITRAM will evaluate and compare the received quotations to establish the substantially responsive tender i.e. (i) tender is complete (ii) properly signed (iii) confirm the terms/conditions and specifications. Further, the financial evaluation will be done only for the substantially responsive tender based on the following parameter(s):

- Total Price quoted (Online) as per Annexure-I. L1 will be decided based on total amount of online quoted price.

## **5. Award of Contract:**

- a) IITRAM will award the contract to the successful bidder (i.e. whose quotation has been determined to be substantially responsive and contains the lowest evaluated quotation price.)
- b) Notwithstanding the above, IITRAM reserves the right to accept or reject any quotation and to cancel the bidding process and reject all quotations at any time prior to the award of contract without giving any reason.
- c) The bidder whose bid is accepted will be notified of the award of contract by the IITRAM prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the work order.
- d) Contract shall be awarded as per the maintenance requirement from place to place.
- e) The Contract may be extended for 01 (one) year after successful completion of first year.

## **6. Completion of Work and Penalty:**

- The time for work completion shall be incorporated in the Work Order as per work size.
- Penalty: Penalty of 1% per week of order value will be charged after duration specified above individually. Further, 6 weeks or above delay from above mention days may lead to cancellation of order at the discretion of the university and forfeiting of Performance Bank Guarantee or Maximum Penalty shall be 10%.

## **7. Warranty:**

- Minimum One-year complete warranty from the date of completion of civil work at our site.

## **8. Terms of Payment:**

- The payment in INR will be released against Tax- Invoice through the” CROSSED BANK CHEQUE” within 30 days’ credit period after successful completion of work at our site.

### **Address for Physical Bid Submission:**

**The Registrar,  
Institute of Infrastructure, Technology, Research And Management,  
Near Khokhra Circle, Maninagar (East), Ahmedabad – 380026.**

**I/c. Registrar**

## Annexure - I

(Schedule of Quantity)			
Sr. No.	Item Description	Unit	Qty.
<b>CONCRETE WORK</b>			
1	Providing and laying cement concrete 1:3:6 (1- Cement: 3- coarse sand: 6- hand broken stone aggregates 40 mm nominal size) and curing complete including cost of formwork.	cu.m	1.00
2	Providing and laying cement concrete 1:4:8 (1- Cement: 4- coarse sand: 8- hand broken stone aggregates 40 mm nominal size) and curing complete including cost of formwork.	cu.m	1.00
3	Providing and laying cement concrete 1:2:4 (1- Cement: 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete including cost of formwork in Slabs, landing, shelves, Balconis, Lintels, coping, Beams, staircase etc. as directed by engineer.	cu.m	1.00
4	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete including cost of formwork in Independent piers, columns, and pillars and their foundation.	cu.m	1.00
5	Providing and laying H.Y.S.D/TMT bar reinforcement for R.C.C. work including cutting, bending, binding and placing in position complete as specified by engineer.	kg	1.00
6	Providing and fixing precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening, cleaning, fixing and finishing in cement mortar 1:3 and curing complete. 40mm thick.	Sqm	1.00
<b>BRICK WORK</b>			
7	9" thick brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation, plinth and super structure in Cement Mortar 1:6. (1- Cement : 6 -fine sand) with proper grooves, etc completed as directed by engineer.	cu.m	1.00
8	First class half brick masonry (partiton wall) in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4- coarse sand ) with bond beam embedded in masonry as per guideline/directed by engineer.	Sqm	1.00
<b>WOODWORK AND JOINERY</b>			
9	Providing wood work in frames of Doors, windows cleare story windows and other similar works wrought, frames and fixed in position using Indian Teak Wood	Cu.m	1.00
10	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including Brass hinges with necessary screws.(A) Indian Teak Wood (1) Fully Panelled	Cu.m	1.00
11	Providing and fixing Decorative plywood 4mm thick in partitions including fixing to frames with screws etc, complete with 50mm x 12mm teak wood beading	Sqm	1.00
12	Providing and fixing plain asbestos cement sheet 6mm thick in partitions including fixing to fames with screws etc, complete with 50mm x 12mm Deodar wood beading	Sqm	1.00
13	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws as directed by engineer.	kg	1.00
14	Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete.	Sqm	1.00
15	Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc. Complete. with wooden louvers plank 12mm thick	Sqm	1.00

Sr. No.	Item Description	Unit	Qty.
16	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including fixtures and fastenings (brass) including primer coat and two coats of oil painting of approved quality etc., complete.	Sqm	1.00
17	Providing and fixing window shutter of 75x30 mm size with 4mm fully glazed panels with PVC batten main frame size having 1.5 to 2.0 mm thick fire retardant grade FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filled up with injected polyurethane foam done in situ along with embedded wooden pieces for stiffening & also taking hinges & fixtures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & aluminum S.S fixtures & fastenings & fastener sleeve.	Sqm	1.00
<b>STEEL ALUMINUM &amp; IRON WORK</b>			
18	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins connected to common rafters and the like.	kg	1.00
19	Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sqm	1.00
20	Providing and fixing standard extruded of aluminium section of size 63.50 x 38.10 x 1.95 mm (of Jindal Section no:4605,@ Wt 1.094Kg / Rmt with colour anodized aluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	Sqm	1.00
21	Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	Sqm	1.00
<b>GLAZING</b>			
22	Providing and laying 30" x 30" Vitrified 8 to 10mm thick tile flooring over 20mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc. complete for Antiskid.	Sqm	1.00
23	Providing and laying 24" x 24" Vitrified 8 to 10mm thick tile flooring over 20mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc. complete for Antiskid.	Sqm	1.00
24	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	Sqm	1.00
25	Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dado on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	Sqm	1.00

Sr. No.	Item Description	Unit	Qty.
26	Providing and Laying polished granite stone slab 18mm thick in risers of steps, dedo and pillars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 Course Sand) and jointed with gray cement slurry including rubbing & polishing etc. complete.	Sqm	1.00
<b>ROOF COVERING</b>			
27	Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet.	Sqm	1.00
28	Providing and fixing five courses water profing treatment with bitumen felt consisting of second and fourth course of blown / bitumen or/ and residual bitumen applied hot at 1.2 kg.per Sq.M.of area for each course and first course with fibre base bitunen saturated under lay type land third course with fibre base self finished felt type 2 grade 1 and fifth and final course of stone grit 6mm and down size or pea sizes gravel spread at 0.008 Cu. Metre / Sq. metre including preparation of surface excluding grading complete.	Sqm	1.00
29	Providing and fixing on wall face C.I. Rain water pipe including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2 (1- Cement : 2-fine sand) (A) 75 mm dia.	Rmt	1.00
30	Providing and fixing M.S Holder bat clamps of approved design to C.I. or S.C.I. pipes embedded in and including cement concrete blocks 100mm x 100mm x 100mm. size of 1:2:4 ( 1-Cement : 2- coarse sand :4- graded stone aggregate of 20mm nominal size ) and cutting holes and making good the wall etc, complete. (A) 75mm dia.	Each	1.00
<b>CEILING &amp; LINING</b>			
31	Providing and fixing plain asbestos sheet lining with butt jointing and wood screws (frame work and cover fillets to be paid for separately) (i) Class A-6 5mm thick	Sqm	1.00
32	Providing and fixing plain asbestos sheet lining with butt jointing and wood screws (frame work and cover fillets to be paid for separately) (ii) Class B-5 5mm thick.	Sqm	1.00
33	Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge & 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity0.043° w/m KC.for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of	Sqm	1.00
34	Providing and fixing single layer waterproof gypsum board 12.5 mm thick of the make Newgood Group Co. Ltd. or equivalent & Newgood Group Co. Ltd. company sections using waterproof board of size 1220 mm x 1830 mm x 8.0 mm suspended by G.I suapender of size 25 mm x 3 mm with intermediate channel of size 18 mm x 40 mm x 0.80 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm center to center and perimetre chanel A of size 20 mm x 27 mm x 30 mm x 0.50 mm at edges & drops including paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat joining compound top coat on ceiling including making necessary opening for light fitting, diffuser etc. complete as per detail drawing as directed.	Sqm	1.00
<b>PLASTERING</b>			
35	Providing 10mm thick cement plaster in single coat on brick/concrete/existing walls for interior plastering and finished even and smooth as directed by engineer.		
	(i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	1.00
	(ii) Cement mortar 1:4 (1-cement: 4-sand)	Sqm	1.00



Sr. No.	Item Description	Unit	Qty.
36	Providing 15mm thick cement plaster in single coat on Rough (Similar) side of single or half brick walls for interior plastering and finished even and smooth as directed by engineer.		
	(i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	1.00
	(ii) Cement mortar 1:4 (1-cement: 4-sand)	Sqm	1.00
37	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth as directed by engineer.		
	(i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	1.00
	(ii) Cement mortar 1:4 (1-cement: 4-sand)	Sqm	1.00
<b>WHITE WASHING COLOR WASHING DISTEMPERING, PLASTIC PAINT &amp; OTHER FINISHING</b>			
38	White washing with lime on wall surface (two coats) to give an even shade including thoroughly booming the surface to remove all dirt, dust; mortar drops and other foreign matter.	Sqm	1.00
39	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whitening after thoroughly brooming the surface free from mortar dropping and other foreign matter.	Sqm	1.00
40	Distempering with dry distemper of approved brand and manufacture (One coat) and of required shade on wall surfaces of given an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales including preparing the surface even and sand papered smooth.	Sqm	1.00
41	Plastic paint of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whitening after thoroughly brooming the surface free from mortar dropping and other foreign matter.	Sqm	1.00
<b>PAINTING &amp; POLISHING</b>			
42	Painting two coats (including priming coat) on steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	1.00
43	Polishing with french polish on new wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papering smooth and including a coat of wood filler.	Sqm	1.00
<b>MISCELLANEOUS BUILDING ITEM</b>			
44	Providing and fixing 1.20 Metre high fencing with 2.0 Metre long M.S. Angle posts 40mm x 40 mm x6 mm and oil painting 3 coats fixed at 2.5 Mt,C/c. with five Horizontan lines and two diagonals of galvanised steel barbed wire weighting 9.38 Kg. per 100 Metre, strained and fixed to posts with G.I, staples including fixing the postsin ground with 0.5 M x 0.5.M x 0.5 M. block in C.C1:5:10 etc complete.	Rmt.	1.00
45	Applying general insecticide pest control treatment to floors, cupboards etc including drilling, labour, material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Consentration Weight 0.50 percent is recommended one litre chemical emulsion dillute with 39 liter of water will give. Total dillute concentration will be 40 litre inclusive of one litre chemical emulsion appication 0.5 Litre chemical / Sqm of surface is recommended as per IS	Smt	1.00
46	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Consentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	1.00

Sr. No.	Item Description	Unit	Qty.
47	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	litre	1.00
<b>WATER SUPPLY PLUMBING &amp; SANITARY FITTING</b>			
48	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(B) 75mm dia.	Rmt	1.00
49	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(C) 100mm dia.	Rmt	1.00
50	Providing and fixing in position cowel went to pipes.(B) 75mm dia.	Each	1.00
51	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaed down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet.	Each	1.00
52	Providing and fixing water closet squatting Pan (Indian type W.C. Pan including all necessary fittings such as hand spray / Jet spray/hand faucet) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China. (D) Long pattern	Each	1.00
53	Providing and fixing water closet (European type, W.C. Pan including all necessary fittings such as hand spray / Jet spray/hand faucet) with integral P or S trap including seat cover, jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand)	Each	1.00
54	Providing and fixing 100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement Mortar 1:1 (1-Cement : 1-Fine sand)	Each	1.00
55	Providing and fixing 12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nom.nal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia. porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)	Each	1.00
56	Providing and fixing 12.5 Litres high level C..I. flushing cistern with A pair of C.I. or Mild steel brackets, womplete with fittings such as syplionic arrangement, 15mm nominal size brass ball valve with polythene float, lever G.I. China (60 cm. ) and pull union and couplings for connections with inlet, outlet and overflow pipes etc. including cutting holes in walls and making good the same	Each	1.00
57	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour or as directed.	Each	1.00
58	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. (C) Vitreous China Sink.(i) 600mm x 450mm x 150mm size	Each	1.00
59	Providing and fixing C.P. brass waste for washbasin or sink. (A) 32mmdia.	Each	1.00
60	Providing and fixing C.P. brass waste for washbasin or sink. (B) 40mm dia.	Each	1.00
61	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap.	Each	1.00
62	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	Each	1.00
63	Providing and fixing C.P. brass towel rail comlete with C.P. brass brackets fixed to wooden plugs with C.P. brass scews.(B) 600mm x 20mm size.	Each	1.00
64	Providing and fixing 600mm x 120mm glass shelf with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brass screws.	Each	1.00
65	Providing and fixing toilet paper holder.(A) C.P. Brass	Each	1.00

Sr. No.	Item Description	Unit	Qty.
66	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.	Each	1.00
67	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts as directed	Each	1.00
68	Providing and fixing Gun metal check or non- return fullway wheel valve.(B) 20mm dia.	Each	1.00
69	Providing and fixing Gun metal check or non- return fullway wheel valve.(C) 25mm dia.	Each	1.00
70	Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia.	Each	1.00
71	Providing and fixing Gun metal check or non- return fullway wheel valve.(E) 40mm dia.	Each	1.00
72	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(i) 20mm dia.	Each	1.00
73	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	Each	1.00
74	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(iii) 32mm dia.	Each	1.00
75	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe , tap etc. complete. White earthenware flat back or corner type size 430mm x 260mm x 350mm.	Each	1.00
76	Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm.	Each	1.00
77	Providing and fixing ball cock of approved. Quality as directed.(A) Copper Metal (ii) 50mm dia.	Each	1.00
78	Providing and fixing ball cock of approved. Quality as directed.(B) Abonite (i) 25mm dia.	Each	1.00
79	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	Each	1.00
80	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	Each	1.00
81	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.	Rmt	1.00
82	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20 mm.	Rmt	1.00
83	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH-40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	1.00
84	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH-40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	1.00

Sr. No.	Item Description	Unit	Qty.
85	Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe (SCH-40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	1.00
86	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I screed down or hinged grating including the cost of cutting and making good the walls.	Each	1.00
<b>DRAINAGE &amp; SEWERAGE ITEM</b>			
87	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Selt glazed stoneware pipes including testing of pipes and joints complete.		
	(a) 100mm dia.	Rmt	1.00
	(b) 150mm dia	Rmt	1.00
88	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes	Rmt	1.00
89	I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.		
	(a) 250mm	Rmt	1.00
	(b) 300 mm	Rmt	1.00
	(c) 450 mm	Rmt	1.00
	(d) 500 mm	Rmt	1.00
	(e) 600 mm	Rmt	1.00
	(f) 900 mm	Rmt	1.00
90	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6- Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5- Coarse sand)		
	(a) depth of 0.90 Metre for 150mm diameter sewer.	Each	1.00
	(b) depth of 1.50 Metre for 150mm diameter sewer	Each	1.00
91	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.)	Each	1.00
92	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete.	Each	1.00
93	Constructing Brick masonry road gully chamber 450mm x 450mm x 775mm with vertical gating complete.	Each	1.00
94	Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.)	Each	1.00

Sr. No.	Item Description	Unit	Qty.
95	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm <sup>2</sup> in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg. ) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:4:8 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete. (i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line	Each	1.00
<b>DEMOLITION &amp; DISMANTLING</b>			
96	Demolition and disposal of unserviceable materials with all lead and lift.	Cu.m	1.00
97	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	Cu.m	1.00
98	Demolition of Brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Cu.m	1.00
99	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Sqm	1.00
100	Dismantling of wooden floors including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	Sqm	1.00
101	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(i) G.I.sheet roofing.	Sqm	1.00
102	Removing and scrapping of old deteriorated plaster of any thickness Fromm masonry / R.C.C member including stacking of serviceable materials and disposal of unserviceable from site of work with all lead and lift.	Sqm	1.00
103	Dismantling steel work including distempering and stacking the materials with all lead and lift.	Kg	1.00
104	Removing of doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.	Each	1.00
105	Dismantling sanitary fittings like wash basin .W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	Each	1.00
<b>Basic Items for Civil Works</b>			
106	Jet spray heavy duty with S.S. Braided hose 60 cm long	Nos.	1.00
107	Health Fauset Heavy duty with hook with fitting	Nos.	1.00
108	Precast concrete block of C.C.1:3:6	Nos.	100.00
109	Alluminium fixtures and fastening.	Nos.	1.00
110	Iron fixtures and fastenings.	Nos.	1.00
111	A.C. rain water pipe 75 mm diameter (1.8 meter long)	Rmt.	1.00
112	A.C. rain water pipe 100 mm diameter (1.8 meter long)	Rmt.	1.00
113	G.I. inlet connection	Each	1.00
114	CPVC Pipe SDR 13.5 - 15 mm diameter (1/2)"	Rmt	1.00
115	CPVC Pipe SDR 13.5 - 20 mm diameter (3/4)"	Rmt	1.00
116	CPVC Pipe SDR 13.5 - 25 mm diameter (1)"	Rmt	1.00
117	CPVC Pipe SDR 13.5 - 32 mm diameter (1 1/4)"	Rmt	1.00
118	CPVC Pipe SDR 13.5 - 40 mm diameter (1 1/2)"	Rmt	1.00
119	CPVC Pipe SDR 13.5 - 50 mm diameter	Rmt	1.00
120	CPVC Pipe jointing solution 50ml	Each	1.00
121	U PVC SCH40 for cold water 15 mm dia(1/2)"	Rmt	1.00
122	U PVC SCH40 for cold water 20 mm dia (3/4)"	Rmt	1.00

Sr. No.	Item Description	Unit	Qty.
123	U PVC SCH40 for cold water 25 mm dia (1)"	Rmt	1.00
124	U PVC SCH40 for cold water 32 mm dia (1 1/4)"	Rmt	1.00
125	U PVC SCH40 for cold water 40 mm dia (1 1/2)"	Rmt	1.00
126	U PVC SCH40 for cold water 50 mm dia (2)"	Rmt	1.00
127	UPVC Pipe jointing solution 50ml	Each	1.00
128	PVC SWR pipes IS 13592 for Drain - 75 mmdia	Rmt	1.00
129	PVC SWR pipes IS 13592 for Drain - 90 mmdia	Rmt	1.00
130	PVC SWR pipes IS 13592 for Drain - 110 mmdia	Rmt	1.00
131	PVC SWR pipes IS 13592 for Drain - 160 mmdia	Rmt	1.00
132	PVC SWR Nani Trap IS 14735 for Drain -75 mm dia with jali	No	1.00
133	PVC SWR Nani Trap IS 14735 for Drain -100 mm dia with jali	No	1.00
134	PVC SWR P- Trap IS 14735 for Drain -110x110	No	1.00
135	PVC SWR P- Trap IS 14735 for Drain -125x110	No	1.00
136	PVC SWR S- Trap IS 14735 for Drain -110x110	No	1.00
137	PVC SWR S- Trap IS 14735 for Drain -125x110	No	1.00
138	PVC SWR Single Y" - 75 mm dia"	No	1.00
139	PVC SWR Single Y" -110 mm dia"	No	1.00
140	PVC SWR Double Y" - 75 mm dia"	No	1.00
141	PVC SWR Double Y" -110 mm dia"	No	1.00
142	PVC SWR Single T" - 75 mm dia"	No	1.00
143	PVC SWR Single T" -110 mm dia"	No	1.00
144	PVC SWR Gully Trap 160 x 110	No	1.00
145	PVC SWR Single Y" - 75 mm dia With Door"	No	1.00
146	PVC SWR Single Y" -110 mm dia With Door"	No	1.00
147	PVC SWR Double Y" - 75 mm dia With Door"	No	1.00
148	PVC SWR Double Y" -110 mm dia With Door"	No	1.00
149	PVC SWR Single T" - 75 mm dia With Door"	No	1.00
150	PVC SWR Single T" -110 mm dia With Door"	No	1.00
151	PVC SWR Reducer 110 x 75	No	1.00
152	PVC SWR Piipe clamp 75 mm	No	1.00
153	PVC SWR Piipe clamp 110 mm	No	1.00
154	PVC SWR Piipe Bend 87.5 degree with door for 75mm diameter	No	1.00
155	PVC SWR Piipe Bend 87.5 degree with door for 90mm diameter	No	1.00
156	PVC SWR Piipe Bend 87.5 degree with door for 110mm diameter	No	1.00
157	PVC SWR WC Connector 110mm	No	1.00
158	Providing & Fixing approved make of 6" x 6" S.S Jali, etc complete	No	1.00
159	Providing & Fixing approved make of Push Cock (Including Cap Cover), etc complete	No	1.00
160	Providing & Fixing approved make of Flush Cock (Including Cap Cover), etc complete (1" Size)	No	1.00
161	Providing & Fixing approved make of Stop Cock / Angle Cock (Including Cap Cover), etc complete	No	1.00
162	Providing & Fixing approved make of Bib Cock (Including Cap Cover), etc complete	No	1.00
163	Providing & Fixing approved make of PVC Connection / Supply Pipe, etc complete. (1' Size)	No	1.00
164	Providing & Fixing approved make of PVC Connection / Supply Pipe, etc complete (2' Size)	No	1.00
165	Providing & Fixing approved make of Control Valve / Wheel Valve (Including Cap Cover), etc. complete. (1" Size)	No	1.00

Sr. No.	Item Description	Unit	Qty.
166	Providing & Fixing approved make Wheel Valve (Including Cap Cover), etc complete (2" Size)	No	1.00
167	Providing & Fixing approved make of 6" x 6" S.S Jali, etc. complete	No	1.00
168	Providing & Fixing approved make of Waste Pipe, etc. complete	No	1.00
169	Providing & Fixing approved make of Waste Coupline, etc. complete	No	1.00
170	Providing & Fixing approved make of Bottle Trape, etc. complete	No	1.00
171	Providing & Laying with approved make of single Glass Brick Partition wall with appropriate sealing materials, etc. complete	Sq.m	1.00
172	Providing & Fixing approved make of Mirror 5 to 6 mm, etc. complete (2' to 3' Size)	Sq.m	1.00
173	Providing & Fixing approved make of Soap Dispenser, etc. complete	No.	1.00
174	Providing & Fixing approved make of Hand Dryer, etc. complete	No.	1.00
175	Providing & Fixing approved make of Paper Holder, etc. complete	No.	1.00
176	Providing & Fixing approved make of Towel Rail (1' 6" in length) / Ring (6" to 9" in dia), etc. complete	No.	1.00
177	Providing & Fixing approved make of Jet Spray/hand faucet, etc. complete (1" length)	No.	1.00

## Annexure – II

### FORMAT FOR SUBMISSION OF COMPANY DETAILS (DATA SHEET)

<b>Sr. No.</b>	<b>Particulars</b>	<b>Details to be filled by the Organization</b>
1	Name of the Company	
2	Registered Office Address Telephone Number Fax Number e-Mail	
3	Correspondence Address Telephone Number Fax Number e-Mail:	
4	Details of the authorized person (Name, designation, address) Telephone Number Fax Number e-Mail:	
5	Is the firm - <ul style="list-style-type: none"><li>• Government/ Public Sector Undertaking</li><li>• Proprietary Firm</li><li>• Partnership firm (if yes, give partnership deed)</li><li>• Limited company or Limited Corporation</li><li>• Member of a group of companies (if yes, give name and address and description of other companies)</li><li>• Subsidiary of a large corporation (if yes give the name and address of the parent organization) If the company is subsidiary, state what involvement if any, will the parent company have in the project.</li></ul>	
6	Goods & Service Tax Number (GST):	
7	Permanent Account Number (PAN) of the firm.	

**Seal & Signature of Company**

**Date:** \_\_\_\_\_

**Place:** \_\_\_\_\_



**(Formate of Quotation)**  
**(To be submitted online only at n-Procure Website)**

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
A	B	C	D	E	F	G=D(E + F)
<b>CONCRETE WORK</b>						
1	Providing and laying cement concrete 1:3:6 (1-Cement: 3- coarse sand: 6- hand broken stone aggregates 40 mm nominal size) and curing complete including cost of formwork.	cu.m	1.00			
2	Providing and laying cement concrete 1:4:8 (1-Cement: 4- coarse sand: 8- hand broken stone aggregates 40 mm nominal size) and curing complete including cost of formwork.	cu.m	1.00			
3	Providing and laying cement concrete 1:2:4 (1-Cement: 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete including cost of formwork in Slabs, landing, shelves, Balconis, Lintels, coping, Beams, staircase etc. as directed by engineer.	cu.m	1.00			
4	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete including cost of formwork in Independent piers, columns, and pillars and their foundation.	cu.m	1.00			
5	Providing and laying H.Y.S.D/TMT bar reinforcement for R.C.C. work including cutting, bending, binding and placing in position complete as specified by engineer.	kg	1.00			
6	Providing and fixing precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening, cleaning, fixing and finishing in cement mortar 1:3 and curing complete. 40mm thick.	Sqm	1.00			
<b>BRICK WORK</b>						
7	9" thich brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation, plinth and super structure in Cement Mortar 1:6. (1- Cement : 6 -fine sand) with proper grooves, etc completed as directed by engineer.	cu.m	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
8	First class half brick masonry (partititon wall) in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4- coarse sand ) with bond beam embedded in masonry as per guideline/directed by engineer.	Sqm	1.00			
<b>WOODWORK AND JOINERY</b>						
9	Providing wood work in frames of Doors, windows cleare story windows and other similar works wrought, frames and fixed in position using Indian Teak Wood	Cu.m	1.00			
10	Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including Brass hinges with necessary screws.(A) Indian Teak Wood (1) Fully Panelled	Cu.m	1.00			
11	Providing and fixing Decorative plywood 4mm thick in partitions including fixing to frames with screws etc, complete with 50mm x 12mm teak wood beading	Sqm	1.00			
12	Providing and fixing plain asbestos cement sheet 6mm thick in partitions including fixing to fames with screws etc, complete with 50mm x 12mm Deodar wood beading	Sqm	1.00			
13	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws as directed by engineer.	kg	1.00			
14	Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete.	Sqm	1.00			
15	Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc. Complete. with wooden louvers plank 12mm thick	Sqm	1.00			
16	Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including fixtures and fastenings (brass) including primer coat and two coats of oil painting of approved quality etc., complete.	Sqm	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
17	Providing and fixing window shutter of 75x30 mm size with 4mm fully glazed panels with PVC batten main frame size having 1.5 to 2.0 mm thick fire retardant grade FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filled up with injected polyurethane foam done in situ along with embedded wooden pieces for stiffening & also taking hinges & fixtures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & aluminum S.S fixtures & fastenings & fastener sleeve.	Sqm	1.00			
<b>STEEL ALUMINUM &amp; IRON WORK</b>						
18	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins connected to common rafters and the like.	kg	1.00			
19	Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm (Jindal Section :2434, @ Wt. 0.643 Kg/mt) with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	Sqm	1.00			
20	Providing and fixing standard extruded of aluminium section of size 63.50 x 38.10 x 1.95 mm (of Jindal Section no:4605, @ Wt 1.094Kg / Rmt with colour anodized aluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window.	Sqm	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
21	Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738 Kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt.1.07 Kg/mt), vertical member of size 92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mmx18mm x1.29mm (of Jindal Section no:8947@ wt.of 0.456 Kg/mt), vertical member of size 40mm x 18mm x 1.29 mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc	Sqm	1.00			
<b>GLAZING</b>						
22	Providing and laying 30" x 30" Vitrifies 8 to 10mm thick tile flooring over 20mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc. complete for Antiskid.	Sqm	1.00			
23	Providing and laying 24" x 24" Vitrifies 8 to 10mm thick tile flooring over 20mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc. complete for Antiskid.	Sqm	1.00			
24	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	Sqm	1.00			
25	Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry.	Sqm	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
26	Providing and Laying polished granite stone slab 18mm thick in risers of steps, dedo and pillars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 Course Sand) and jointed with gray cement slurry including rubbing & polishing etc. complete.	Sqm	1.00			
<b>ROOF COVERING</b>						
27	Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet.	Sqm	1.00			
28	Providing and fixing five courses water profing treatment with bitumen felt consisting of second and fourth course of blown / bitumen or/ and residual bitumen applied hot at 1.2 kg.per Sq.M.of area for each course and first course with fibre base bitunen saturated under lay type land third course with fibre base self finished felt type 2 grade 1 and fifth and final course of stone grit 6mm and down size or pea sizes gravel spread at 0.008 Cu. Metre / Sq. metre including preparation of surface excluding grading complete.	Sqm	1.00			
29	Providing and fixing on wall face C.I. Rain water pipe including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2 (1- Cement : 2-fine sand) (A) 75 mm dia.	Rmt	1.00			
30	Providing and fixing M.S Holder bat clamps of approved design to C.I. or S.C.I. pipes embedded in and including cement concrete blocks 100mm x 100mm x 100mm. size of 1:2:4 ( 1-Cement : 2- coarse sand :4- graded stone aggregate of 20mm nominal size ) and cutting holes and making good the wall etc, complete. (A) 75mm dia.	Each	1.00			
<b>CEILING &amp; LINING</b>						
31	Providing and fixing plain asbestos sheet lining with butt jointing and wood screws (frame work and cover fillets to be paid for separately) (i) Class A-6 5mm thick	Sqm	1.00			
32	Providing and fixing plain asbestos sheet lining with butt jointing and wood screws (frame work and cover fillets to be paid for separately) (ii) Class B-5 5mm thick.	Sqm	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
33	Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge & 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity0.043° w/m KC.for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of	Sqm	1.00			
34	Providing and fixing single layer waterproof gypsum board 12.5 mm thick of the make Newgood Group Co. Ltd. or equivalent & Newgood Group Co. Ltd. company sections using waterproof board of size 1220 mm x 1830 mm x 8.0 mm suspended by G.I suapender of size 25 mm x 3 mm with intermediate channel of size 18 mm x 40 mm x 0.80 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm center to center and perimetre chanel A of size 20 mm x 27 mm x 30 mm x 0.50 mm at edges & drops including paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat joining compound top coat on ceiling including making necessary opening for light fitting, diffuser etc. complete as per detail drawing as directed.	Sqm	1.00			
	<b>PLASTERING</b>					
35	Providing 10mm thick cement plaster in single coat on brick/concrete/existing walls for interior plastering and finished even and smooth as directed by engineer.					
	(i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	1.00			
	(ii) Cement mortar 1:4 (1-cement: 4-sand)	Sqm	1.00			
36	Providing 15mm thick cement plaster in single coat on Rough (Similar) side of single or half brick walls for interior plastering and finished even and smooth as directed by engineer.					
	(i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	1.00			
	(ii) Cement mortar 1:4 (1-cement: 4-sand)	Sqm	1.00			
37	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth as directed by engineer.					
	(i) Cement mortar 1:3 (1-cement:3-sand)	Sqm	1.00			
	(ii) Cement mortar 1:4 (1-cement: 4-sand)	Sqm	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
	<b>WHITE WASHING COLOR WASHING DISTEMPERING, PLASTIC PAINT &amp; OTHER FINISHING</b>					
38	White washing with lime on wall surface (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust; mortar drops and other foreign matter.	Sqm	1.00			
39	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whitening after thoroughly brooming the surface free from mortar dropping and other foreign matter.	Sqm	1.00			
40	Distempering with dry distemper of approved brand and manufacture (One coat) and of required shade on wall surfaces of given an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales including preparing the surface even and sand papered smooth.	Sqm	1.00			
41	Plastic paint of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whitening after thoroughly brooming the surface free from mortar dropping and other foreign matter.	Sqm	1.00			
	<b>PAINTING &amp; POLISHING</b>					
42	Painting two coats (including priming coat) on steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	1.00			
43	Polishing with french polish on new wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papering smooth and including a coat of wood filler.	Sqm	1.00			
	<b>MISCELLANEOUS BUILDING ITEM</b>					
44	Providing and fixing 1.20 Metre high fencing with 2.0 Metre long M.S. Angle posts 40mm x 40 mm x6 mm and oil painting 3 coats fixed at 2.5 Mt,C/c. with five Horizontan lines and two diagonals of galvanised steel barbed wire weighting 9.38 Kg. per 100 Metre, strained and fixed to posts with G.I,staples including fixing the postsin ground with 0.5 M x 0.5.M x 0.5 M. block in C.C1:5:10 etc complete.	Rmt.	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
45	Applying general insecticide pest control treatment to floors, cupboards etc including drilling, labour, material etc. complete. Using Heptachloride 20 EC. As Per 6113_pests Concentration Weight 0.50 percent is recommended one litre chemical emulsion dilute with 39 liter of water will give. Total dilute concentration will be 40 litre inclusive of one litre chemical emulsion application 0.5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	1.00			
46	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Concentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S	Smt	1.00			
47	Providing erecting and fixing double coated Syntex PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	litre	1.00			
	<b>WATER SUPPLY PLUMBING &amp; SANITARY FITTING</b>					
48	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(B) 75mm dia.	Rmt	1.00			
49	Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(C) 100mm dia.	Rmt	1.00			
50	Providing and fixing in position cowel went to pipes.(B) 75mm dia.	Each	1.00			
51	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaed down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet.	Each	1.00			
52	Providing and fixing water closet squatting Pan (Indian type W.C. Pan including all necessary fittings such as hand spray / Jet spray/hand faucet) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China. (I) Long pattern	Each	1.00			



Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
53	Providing and fixing water closet (European type, W.C. Pan including all necessary fittings such as hand spray / Jet spray/hand faucet) with integral P or S trap including seat cover, jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand)	Each	1.00			
54	Providing and fixing 100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement Mortar 1:1 (1-Cement : 1-Fine sand)	Each	1.00			
55	Providing and fixing 12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nominal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia. porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)	Each	1.00			
56	Providing and fixing 12.5 Litres high level C..I. flushing cistern with A pair of C.I. or Mild steel brackets, wocomplete with fittings such as syplionic arrangement, 15mm nominal size brass ball valve with polythene float, lever G.I. China (60 cm. ) and pull union and couplings for connections with inlet, outlet and overflow pipes etc. including cutting holes in walls and making good the same	Each	1.00			
57	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour or as directed.	Each	1.00			
58	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. (C) Vitreous China Sink.(i) 600mm x 450mm x 150mm size	Each	1.00			
59	Providing and fixing C.P. brass waste for washbasin or sink. (A) 32mmdia.	Each	1.00			
60	Providing and fixing C.P. brass waste for washbasin or sink. (B) 40mm dia.	Each	1.00			
61	Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap.	Each	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
62	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	Each	1.00			
63	Providing and fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws.(B) 600mm x 20mm size.	Each	1.00			
64	Providing and fixing 600mm x 120mm glass shelf with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brass screws.	Each	1.00			
65	Providing and fixing toilet paper holder.(A) C.P. Brass	Each	1.00			
66	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.	Each	1.00			
67	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts as directed	Each	1.00			
68	Providing and fixing Gun metal check or non- return fullway wheel valve.(B) 20mm dia.	Each	1.00			
69	Providing and fixing Gun metal check or non- return fullway wheel valve.(C) 25mm dia.	Each	1.00			
70	Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia.	Each	1.00			
71	Providing and fixing Gun metal check or non- return fullway wheel valve.(E) 40mm dia.	Each	1.00			
72	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(i) 20mm dia.	Each	1.00			
73	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	Each	1.00			
74	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(iii) 32mm dia.	Each	1.00			
75	Providing and fixing Urinal or approved quality including connecting the Urinal with waste pipe , tap etc. complete. White earthenware flat back or corner type size 430mm x 260mm x 350mm.	Each	1.00			
76	Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm.	Each	1.00			
77	Providing and fixing ball cock of approved. Quality as directed.(A) Copper Metal (ii) 50mm dia.	Each	1.00			
78	Providing and fixing ball cock of approved. Quality as directed.(B) Abonite (i) 25mm dia.	Each	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
79	Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg.	Each	1.00			
80	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	Each	1.00			
81	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm.	Rmt	1.00			
82	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20 mm.	Rmt	1.00			
83	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	1.00			
84	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	1.00			
85	Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	Rmt	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
86	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls.	Each	1.00			
<b>DRAINAGE &amp; SEWERAGE ITEM</b>						
87	Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Selt glazed stoneware pipes including testing of pipes and joints complete.					
	(a) 100mm dia.	Rmt	1.00			
	(b) 150mm dia	Rmt	1.00			
88	Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes	Rmt	1.00			
89	I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.					
	(a) 250mm	Rmt	1.00			
	(b) 300 mm	Rmt	1.00			
	(c) 450 mm	Rmt	1.00			
	(d) 500 mm	Rmt	1.00			
	(e) 600 mm	Rmt	1.00			
	(f) 900 mm	Rmt	1.00			
90	Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6- Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4-stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5- Coarse sand)					
	(a) depth of 0.90 Metre for 150mm diameter sewer.	Each	1.00			
	(b) depth of 1.50 Metre for 150mm diameter sewer	Each	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
91	Supplying and fixing C.I. cover 300mm x 300mm without frame for Gully trap (Standard pattern) te weight of cover to be not less 4.53 Kg.)	Each	1.00			
92	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete.	Each	1.00			
93	Constructing Brick masonry road gully chamber 450mm x 450mm x 775mm with vertical gating complete.	Each	1.00			
94	Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.)	Each	1.00			
95	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with briocks having croshing strength not less than 35Kg. Cm2 in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm intenal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg. ) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:4:8 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete. (i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line.	Each	1.00			
<b>DEMOLITION &amp; DISMANTLING</b>						
96	Demolition and disposal of unserviceable materials with all lead and lift.	Cu.m	1.00			
97	Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	Cu.m	1.00			
98	Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Cu.m	1.00			
99	Dismantaling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	1.00			
100	Dismantaling of wooden floors including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.	Sqm	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
101	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(i) G.I.sheet roofing.	Sqm	1.00			
102	Removing and scrapping of old deteriorated plaster of any thickness Fromm masonry / R.C.C member including stacking of serviceable materials and disposal of unserviceable from site of work with all lead and lift.	Sqm	1.00			
103	Dismantling steel work including distempering and stacking the materials with all lead and lift.	Kg	1.00			
104	Removing of doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.	Each	1.00			
105	Dismantling sanitary fittings like wash basin .W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	Each	1.00			
<b>Basic Items for Civil Works</b>						
106	Jet spray heavy duty with S.S. Braided hose 60 cm long	Nos.	1.00			
107	Health Fauset Heavy duty with hook with fitting	Nos.	1.00			
108	Precast concrete block of C.C.1:3:6	Nos.	100.00			
109	Alluminium fixtures and fastening.	Nos.	1.00			
110	Iron fixtures and fastenings.	Nos.	1.00			
111	A.C. rain water pipe 75 mm diameter (1.8 meter long)	Rmt.	1.00			
112	A.C. rain water pipe 100 mm diameter (1.8 meter long)	Rmt.	1.00			
113	G.I. inlet connection	Each	1.00			
114	CPVC Pipe SDR 13.5 - 15 mm diameter (1/2)"	Rmt	1.00			
115	CPVC Pipe SDR 13.5 - 20 mm diameter (3/4)"	Rmt	1.00			
116	CPVC Pipe SDR 13.5 - 25 mm diameter (1)"	Rmt	1.00			
117	CPVC Pipe SDR 13.5 - 32 mm diameter (1 1/4)"	Rmt	1.00			
118	CPVC Pipe SDR 13.5 - 40 mm diameter (1 1/2)"	Rmt	1.00			
119	CPVC Pipe SDR 13.5 - 50 mm diameter	Rmt	1.00			
120	CPVC Pipe jointing solution 50ml	Each	1.00			
121	U PVC SCH40 for cold water 15 mm dia(1/2)"	Rmt	1.00			
122	U PVC SCH40 for cold water 20 mm dia (3/4)"	Rmt	1.00			
123	U PVC SCH40 for cold water 25 mm dia (1)"	Rmt	1.00			
124	U PVC SCH40 for cold water 32 mm dia (1 1/4)"	Rmt	1.00			
125	U PVC SCH40 for cold water 40 mm dia (1 1/2)"	Rmt	1.00			
126	U PVC SCH40 for cold water 50 mm dia (2)"	Rmt	1.00			
127	UPVC Pipe jointing solution 50ml	Each	1.00			
128	PVC SWR pipes IS 13592 for Drain - 75 mmdia	Rmt	1.00			
129	PVC SWR pipes IS 13592 for Drain - 90 mmdia	Rmt	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
130	PVC SWR pipes IS 13592 for Drain - 110 mmdia	Rmt	1.00			
131	PVC SWR pipes IS 13592 for Drain - 160 mmdia	Rmt	1.00			
132	PVC SWR Nani Trap IS 14735 for Drain -75 mm dia with jali	No	1.00			
133	PVC SWR Nani Trap IS 14735 for Drain -100 mm dia with jali	No	1.00			
134	PVC SWR P- Trap IS 14735 for Drain -110x110	No	1.00			
135	PVC SWR P- Trap IS 14735 for Drain -125x110	No	1.00			
136	PVC SWR S- Trap IS 14735 for Drain -110x110	No	1.00			
137	PVC SWR S- Trap IS 14735 for Drain -125x110	No	1.00			
138	PVC SWR Single Y" - 75 mm dia"	No	1.00			
139	PVC SWR Single Y" -110 mm dia"	No	1.00			
140	PVC SWR Double Y" - 75 mm dia"	No	1.00			
141	PVC SWR Double Y" -110 mm dia"	No	1.00			
142	PVC SWR Single T" - 75 mm dia"	No	1.00			
143	PVC SWR Single T" -110 mm dia"	No	1.00			
144	PVC SWR Gully Trap 160 x 110	No	1.00			
145	PVC SWR Single Y" - 75 mm dia With Door"	No	1.00			
146	PVC SWR Single Y" -110 mm dia With Door"	No	1.00			
147	PVC SWR Double Y" - 75 mm dia With Door"	No	1.00			
148	PVC SWR Double Y" -110 mm dia With Door"	No	1.00			
149	PVC SWR Single T" - 75 mm dia With Door"	No	1.00			
150	PVC SWR Single T" -110 mm dia With Door"	No	1.00			
151	PVC SWR Reducer 110 x 75	No	1.00			
152	PVC SWR Piipe clamp 75 mm	No	1.00			
153	PVC SWR Piipe clamp 110 mm	No	1.00			
154	PVC SWR Piipe Bend 87.5 degree with door for 75mm diameter	No	1.00			
155	PVC SWR Piipe Bend 87.5 degree with door for 90mm diameter	No	1.00			
156	PVC SWR Piipe Bend 87.5 degree with door for 110mm diameter	No	1.00			
157	PVC SWR WC Connector 110mm	No	1.00			
158	Providing & Fixing approved make of 6" x 6" S.S Jali, etc complete	No	1.00			
159	Providing & Fixing approved make of Push Cock (Including Cap Cover), etc complete	No	1.00			
160	Providing & Fixing approved make of Flush Cock (Including Cap Cover), etc complete (1" Size)	No	1.00			
161	Providing & Fixing approved make of Stop Cock / Angle Cock (Including Cap Cover), etc complete	No	1.00			
162	Providing & Fixing approved make of Bib Cock (Including Cap Cover), etc complete	No	1.00			
163	Providing & Fixing approved make of PVC Connection / Supply Pipe, etc complete. (1' Size)	No	1.00			
164	Providing & Fixing approved make of PVC Connection / Supply Pipe, etc complete (2' Size)	No	1.00			

Sr. No.	Item Description	Unit	Qty.	Rate (without GST)	GST Amount	Total Amount
165	Providing & Fixing approved make of Control Valve / Wheel Valve (Including Cap Cover), etc. complete. (1" Size)	No	1.00			
166	Providing & Fixing approved make Wheel Valve (Including Cap Cover), etc complete (2" Size)	No	1.00			
167	Providing & Fixing approved make of 6" x 6" S.S Jali, etc. complete	No	1.00			
168	Providing & Fixing approved make of Waste Pipe, etc. complete	No	1.00			
169	Providing & Fixing approved make of Waste Coupline, etc. complete	No	1.00			
170	Providing & Fixing approved make of Bottle Trape, etc. complete	No	1.00			
171	Providing & Laying with approved make of single Glass Brick Partition wall with appropriate sealing materials, etc. complete	Sq.m	1.00			
172	Providing & Fixing approved make of Mirror 5 to 6 mm, etc. complete (2' to 3' Size)	Sq.m	1.00			
173	Providing & Fixing approved make of Soap Dispenser, etc. complete	No.	1.00			
174	Providing & Fixing approved make of Hand Dryer, etc. complete	No.	1.00			
175	Providing & Fixing approved make of Paper Holder, etc. complete	No.	1.00			
176	Providing & Fixing approved make of Towel Rail (1' 6" in length) / Ring (6" to 9" in dia), etc. complete	No.	1.00			
177	Providing & Fixing approved make of Jet Spray/hand faucet, etc. complete (1" length)	No.	1.00			
<b>Gross Amount</b>						



**(To be printed on Firm's Letterhead)**

**Annexure - IV**

**Undertaking**

I, \_\_\_\_\_ hereby declare that the Firm/ Company/ Agency/ Organization/ Partnership firm/ Proprietary firm titled as \_\_\_\_\_ has not been blacklisted or banned or debarred at any stage from inception till this date by any of the NITs/ IITs/ IIITs/ Central Universities/ IISERs/ CSIR labs or Central/ State Government body/ PSUs/ Autonomous Institute or any Other Government organization. In case of the any fraudulency, the Firm/ Company/ Agency/ Organization/ Partnership firm/ Proprietary firm is fully aware that the tender/contract will be rejected/cancelled by IITRAM and EMD / Performance Bank Guarantee / any deposited amount if any shall be forfeited. In addition to above, IITRAM will not be responsible to pay the bills for any completed/partially completed work.

*Authorized Signatory of the Firm /  
Company / Agency / Organization /  
Partnership firm / Proprietary firm*

**Date:**

**Place:**

**Seal**