



E-TENDER NOTICE

Tata Institute Of Social Science ,
V.N.Purav Marg, Deonar , Mumbai-400 088.
Telephone :91-22-25525000
E-Mail :infomumbai@tiss.edu , Website : www.tiss.edu .

(Only Through Online e-Procurement Mode)

TISS E-Procurement Website : <https://www.tenderwizard.com/TISS>

E-Tender Ref No.: IDSPLUMBING2021

Date:08/06/21

Name Of Work : e-Tender for “**AMC for plumbing work at TISS Mumbai Campus.**”

E-NIT Cum Tender Document (Single Bid System) for the following Services :

e-Tender No.:	IDSPLUMBING2021
ESTIMATED COST :	Rs.18.00lakh
Tender Cost Fees , EMD & E-Tender Processing Fees.	Rs.NIL (Tender Fees)) & EMD Rs.50,000/- .The e-Payment Gateway are available on TISS e-Procurement Portal for making the Tender Form /Cost Fees & EMD payment. through online payment method by the payment gateway in e-Tender portal i.e. https://www.tenderwizard.com/TISS . E-Tender Processing Fees are applicable (Non-Refundable)
Validity	120 Days From the date of Tender opening.
Type of e-Tender	Single Bid
e-Tender Issue Date	08/06/21
Last Date of e-Tender Submission With EMD Submission	21/06/21 Till 16:00
Date of Opening of Bids	22/06/21 At 11:00

1. e-Tender Bid to be submitted online within the due date.
2. Tenders should be submitted only through e-Tender portal and obtain the Tender Acknowledgement copy as a proof of successful submission.
3. All prospective bidders are requested to visit our TISS E-PROCUREMENT WEBISTE regularly for any such updates / corrigendums.
4. Please see attached e-Tender Documents ...

Standard e-Tender Terms & Conditions For TISS e-Procurement .

TISS e-Procurement Website are : <https://www.tenderwizard.com/TISS>

1. The details of tender notification can be downloaded from www.tenderwizard.com/TISS under "Tender of TISS" link in the homepage.
 2. Vendors should obtain the USER ID and PASSWORD from www.tenderwizard.com/TISS by clicking on "Enrolment" link in the homepage.
 3. The Vendor registration fees has to be paid to ITI Ltd for **Rs. 2360/- (Inclusive Of All Taxes – Non Refundable)** 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 (Bangalore) & Sanjay KC – Mumbai & Maharashtra (09665721619) Email : sanjay.kc@etenderwizard.com
 - Email: harishkumar.kb@etenderwizard.com, 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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INFORMATION & INSTRUCTIONS TO THE BIDDERS FOR USING ONLINE ELECTRONIC TENDERING SYSTEM (eTS).

Special Conditions & instructions for using online Electronic Tendering System through portal (website) <http://www.tenderwizard.com/TISS> adopted by Tata Institute Of Social Sciences , Mumbai .Vendor Registration Fees should be pay through e-Payment Gateway on TISS e-Procurement Portal i.e., <https://www.tenderwizard.com/TISS>

Note : The e-Payment Gateway are available on e-Procurement Portal for making the Online Vendor Registration Payment.

Bidders are required to Enrol for Vendor Registration on the TISS e-Procurement Tender wizard Portal

(URL: <https://www.tenderwizard.com/TISS>) by clicking on the link " Enrolment " on the home page of e- Portal which is chargeable. to be paid online by e-payment gateway).

The bidders are required to submit soft copies of their bids electronically on the TISS Tender Wizard e-Procurement Portal, using valid Class III Digital Signature Certificates. The step by step instructions about e-Tender Process are given in "Vendor Help Manual "

Class III Digital Signature Certificate are mandatory for e-Tender /e-Procurement .

Note : Information about e-Procurement Portal.

More information useful for submitting online bids on the NIA e-Procurement Tenderwizard Portal may be obtained at: <https://www.tenderwizard.com/TISS> . **N.B:** Bidders can download the Vendor's manual by visiting on home page of TISS e-Procurement Website : <https://www.tenderwizard.com/TISS> . **KEY INSTRUCTIONS for BIDDERS** by clicking on "**Latest Circulars/Formats/Help Manuals/Faq**". **The complete Step by Step "Vendors Help Manual For e-Procurement / e-Tendering Process , Vendors Registration Process , System Settings Requirements & JAVA Settings Manuals , e-Payment**

Guidelines” & “Digital Signature Certificate Process” this details are available on TISS e-Procurement Website for e-Tenders.

Note: Online Support / Web Support / E-Mail Support / Phone Support are also available for Bidders as well as Department Officials . Online support through “Team viewer” , “Ammy Admin “ Or “Any Desk” Remote software only. For Downloading this software , the downloading software links are available on home page of TISS e-Procurement Website.

NOTICE INVITING TENDER

- Online tenders are invited by The Registrar , Tata Institute of Social Sciences, Deonar, Mumbai 400088 for '**AMC for plumbing works at Main & Naoroji Campus of TISS at Deonar Mumbai.**' The estimated cost of work is Rs18lakh plus 18% GST.
- The tender shall be in prescribed form consisting of NIT, Quote Sheet, Terms of contract which can be downloaded from website 'www.tenderwizard.com/TISS' from **08/06/21 to 21/06/21**.
- Online tenders shall be uploaded on above mentioned website as per the instructions therein from **08/06/21 to 21/06/21** up to **16.00 hrs**.
- The estimated cost of work mentioned above is total scope of work per annum. The Quote Sheet is provided with item rates including material , labour, machinery , scaffolding, cleaning , removing debris out side premises etc. complete. The Quote Sheet is divided in two parts. First is regular items which can be executed on receipt of complaints from occupants and duly instructed by AE/CE of the Institute. Second part is items to be executed on administrative approval only. The cost of work for second part will be over and above the estimated cost. The built up area of both the campuses is approximately 4.50 lakh sq. ft.
- The quote sheet is for item rates of each item. The tenderer shall only fill the percentage above (+)/ At par/ Below (-) . The percentage will be applicable to item rate of each item. The executed work will be based on quantities certified by AE.
- The successful contractor shall appoint one licenced plumber for periodical supervision. The licensed plumber of successful contractor will visit the campuses at least once in a month and certify the quality and norms of the repair work carried out by the agency.
- Each bidder shall upload following documents including the tender document . Tender submitted without any of the following document will be disqualified from the bid process.
 - a) Notice Inviting Tender (NIT) duly signed by the bidder.
 - b) Terms of Contract duly signed by the bidder
 - c) Quote Sheet duly filled and signed.
 - d) Earnest Money deposit of **Rs50,000/=** shall be paid online as per the instructions therein.
 - e) Documents certifying that bidder has executed minimum of Rs12 lakhs of plumbing work in last three financial years. These certificates are mandatory and which specifies qualification criteria.
 - f) PAN Card copy
 - g) GST registration copy.
- The earnest money will be forfeited , if the contractor backs out after tendering or does not start the work within seven days after Date of work order.
- On finalising the tender , the Institute will return the EMD of unsuccessful tenderer .
- The acceptance of tender shall rest with The Registrar, Tata Institute of Social Sciences, who does not bound to accept the lowest tender and reserves the right to reject any or all of the tenders received without assigning any reason. The Registrar reserves the right of acceptance of whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted. Any attempt of influencing on tender process by the contractor shall not be entertained and his/her tender shall be rejected. Team of TISS may visit sites of bidders before award of contract after verification of documents.
- Tenderers are advised to inspect and examine the site and its surrounding and satisfy themselves before submitting their tender and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall deemed to have full knowledge of site, whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.
- All the tenders wherein the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected. Tenders received without EMD will be summarily rejected.

- The tender for the work shall remain valid for acceptance for a period of four months from the date of opening of tender.

Signature of Contractor

GENERAL CONDITIONS OF CONTRACT

1. AMC will be for the period of one year which may be extended for further two years on the same terms and on the basis of performance of the agency.
2. The entire work shall be carried out by contractor in accordance with the conditions and specifications stipulated in the schedule of quantity/quotation and in the best workmanship manner and as per standard practice.
3. Materials required for satisfactory completion of work shall be of best quality, make, grade, as mentioned in quotation and / or conforming to Indian standard specification (latest edition), wherever applicable, and approved by Engineer In-Charge.
4. The item rate of each item is excluding GST and all other taxes. Any other charges incurred by contractor but not payable as per this work order, will not be paid / reimbursed.
5. Any damage to the Institute property will be made good at contractors risk and cost.
6. The Institute reserves the right to reject the bad work / or pay for the inferior quality work at reduced rates, as will be worked out by Institute. The Institutes's decision in this regard will be final and binding on contractor.
7. The labourers engaged by contractor for the said work should strictly follow the rules, discipline, and decorum of the Institute and contractor will be liable for any loss or damage caused by them to the Institute property. No labour will be allowed to stay on campus.
8. The Institute will not be held responsible for payment of any compensation to the labourers engaged by contractor. Contractor will pay all compensations etc. including accident compensations due to his labourers.
9. Implements / materials required for the work shall be provided by contractor. Institute's property/materials shall not be used by the contractor. A suitable penalty shall be charged if contractor fail to observe this condition.
10. Contractor shall follow all safety rules and security procedure that are in force and applicable during execution of work.
11. 5% of the bill amount will be retained by the Institute, which will be released after completion of defect liability period of 12 months after expiry of contract. . EMD will be returned on virtual completion of the work.

12. The validity of the tender(s) shall be 120 days from the date of opening of tender.
13. The contractor shall comply with the provisions of all acts, statutes, rules, regulations etc., of the central and state governments the case may be that may apply to his case. And if necessary get himself duly register as require by the said acts, statutes, rules, regulations etc.

SPECIAL CONDITIONS OF CONTRACT

1. Any rectification during defect liability period if not rectified by contractor will be carried out by Institute at cost & consequences of the contractor.
2. Utmost precautions and safety shall be maintained during progress of work.
3. The contractor shall submit the running/final bills. These bills shall be paid after proper and thorough scrutiny by the Institute Engineer within one month of submission of bill. GST amount at a rate of 18% will be reimbursed only after submission of B2B return.
4. The contractor will not at any time cause or permit any nuisance on the site or adjoining areas or do anything, which shall cause unnecessary disturbances or inconveniences to the owner, residents, guests, students etc.
5. Contractor shall obtain necessary gate pass; labour tokens from the security officer.
6. Contractor shall obtain prior permission for carrying out work on Sundays & holidays.
7. Method of work, specification, mode of measurement and other details wherever not mentioned should be followed as per Indian standard code of practice or as per engineer in charge's instructions.
8. Contractor shall intimate in advance and obtain prior approval before undertaking any extra items. The rate for such extra items, if approved, will be based on calculation of existing market rates.
9. If there is any abnormal increase or reduction in quantities shown in BOQ no compensation or extra rate shall be paid on this accounts.
10. The owner will be at liberty to cancel some of the items from the contract. In such cases, the contractor cannot claim any commission or percentage as profit.
11. The Contractor shall employ full-time technically qualified staff with adequate experience during the execution of the work.
12. The quality, time schedule for completion of work and well behavior with Client, and engineers of this project shall be essential & must for this project.

13. This contract shall be deemed to have been made in Mumbai and only the court of competent jurisdiction in Mumbai shall have jurisdiction to determine any question or dispute arising out of the contract.
14. On the completion of the works the contractor shall at his own cost clear away and remove from the site all construction material, equipment, surplus materials, rubbish and leave the entire site and works clean in a workmanship condition to the satisfaction of the employer.
15. Water and electricity will be provided free of cost for the work.
16. Contractor to remove all the debris created during the work out of campus at his own cost.

Signature of Contractor

Regular Items

Sr.No.	Particulars of Works	Qty.	Unit	Amount
1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. (Make : Prince, Supreme,Astral)			
1.01	15 mm dia nominal bore	1	RM	150.00
1.02	20 mm dia nominal bore	1	RM	290.00
1.03	25 mm dia nominal bore	1	RM	330.00
1.04	32 mm nominal bore	1	RM	450.00
1.05	40 mm nominal bore	1	RM	500.00
1.06	50 mm nominal bore	1	RM	600.00
2	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. -internal and external, C-Class pipes , TATA, ZENITH and equivalent brand			
2.01	15 mm dia nominal bore	1	RM	280.00
2.02	20 mm dia nominal bore	1	RM	370.00
2.03	25 mm dia nominal bore	1	RM	550.00
2.04	32 mm nominal bore	1	RM	620.00
2.05	40 mm nominal bore	1	RM	750.00
2.06	50 mm nominal bore	1	RM	950.00
2.07	65 mm nominal bore	1	RM	1200.00
2.08	80 mm nominal bore	1	RM	1500.00
2.09	100 mm nominal bore	1	RM	1800.00
3	Providing and fixing CP brass bib cock SEIKO make or equivalent ISI make			
3.01	15 mm	1	Each	600.00
3.02	20 mm	1	Each	500.00
3.03	P/F CPVC Brass MT/Ft 15mm	1	RM	125.00
3.04	P/F CPVC Brass MT/Ft 20mm	1	RM	250.00
3.05	P/F CPVC Brass MT/Ft 25mm	1	RM	300.00
3.06	P/F CPVC Brass MT/Ft 32mm	1	RM	650.00
3.07	P/F CPVC Brass MT/Ft 40mm	1	RM	800.00
3.08	P/F CPVC Brass MT/Ft 50mm	1	RM	1200.00
3.09	P/F CPVC Brass elbow/Tee 15mm	1	RM	100.00
3.10	P/F CPVC Brass elbow/Tee 20mm	1	RM	100.00
3.11	P/F CPVC Brass elbow/Tee 25mm	1	RM	350.00
4	Providing and fixing CP brass bib cock of JAQUAR make			
4.01	15 mm	1	Each	900.00
4.02	20 mm	1	Each	750.00
5	Providing and fixing two way/two in one brass bib cock of SEIKO or equivalent ISI make	1	Each	850.00
6	Providing and fixing two way / two in one brass bib cock of JAQUAR make	1	Each	1000.00
7	Providing and fixing Pillar Tap of SEIKO or equivalent ISI make (short & long)	1	Each	600.00
8	Providing and fixing JAQUAR super delux pillar tap (short & long)	1	Each	900.00
9	Providing and fixing pressmatic pillar tap of JAQUAR make (Push-Cock)	1	Each	1100.00
10	Providing and fixing sink cock -long swan neck with nozzle one way of SEIKO or equivalent ISI make	1	Each	1000.00
11	Providing and fixing sink cock -long swan neck with nozzle one way of JAQUAR make	1	Each	1300.00
12	Providing and fixing sink cock with U shape bend pipe spout of SEIKO or equivalent ISI make	1	Each	670.00

Sr.No.	Particulars of Works	Qty.	Unit	Amount
13	Providing and fixing sink cock with swinging casted spout of SEIKO or equivalent ISI make	1	Each	800.00
14	Providing and fixing sink cock with swinging casted spout of JAQUAR make	1	Each	820.00
19	Providing and fixing stop cock-15 mm -SEIKO make or equivalent ISI make	1	Each	600.00
20	Providing and fixing stop cock -20 mm-SEIKO make or equivalent ISI make	1	Each	400.00
21	Providing and fixing stop cock-15 mm -JAQUAR make	1	Each	650.00
22	Providing and fixing stop cock -20 mm-JAQUAR make	1	Each	600.00
23	Providing and fixing angle cock -25 mm dia- SEIKO or equivalent ISI make.	1	Each	500.00
24	Providing and fixing 2-way angle cock	1	Each	600.00
25	Providing and fixing CP Shower arm 240 mm long round shape for wall mounted showers with flange	1	Each	650.00
26	Providing and fixing Diamond shower 63 mm dia round shape single flow (CP)	1	Each	750.00
27	Providing and fixing overhead shower 80 mm dia round shape single flow with gray face plate (CP)	1	Each	700.00
28	Providing and fixing toilet paper holder	1	Each	400.00
29	Providing and fixing SS towel ring-6 inches dia	1	Each	400.00
30	Providing and fixing towel rail 24 inches with socket and bracket -25 mm dia	1	Each	250.00
31	Providing and fixing towel rail 18 inches with socket and bracket -25 mm dia	1	Each	300.00
32	Providing and fixing towel rail 12 inches with socket and bracket -25 mm dia	1	Each	250.00
33	Providing and fixing SS Railing 32 mm dia with socket & bracket for handicapped toilet	1	Each	700.00
36	Providing and fixing ball valve (brass) of approved quality of standard ISI make for water mains			
36.01	15 mm dia nominal bore	1	Each	800.00
36.02	20 mm dia nominal bore	1	Each	900.00
36.03	25 mm dia nominal bore	1	Each	1200.00
36.04	32 mm nominal bore	1	Each	1900.00
36.05	40 mm nominal bore	1	Each	2200.00
36.06	50 mm nominal bore	1	Each	2300.00
37	Providing and fixing SS Flush Valve 32 mm nominal bore of approved ISI make	1	Each	1200.00
38	Providing and fixing Float valve/ball cock for water tank with Brass rod and Plastic Ball Float (medium to heavy duty)			
38.01	15 mm dia nominal bore	1	Each	450.00
38.02	20 mm dia nominal bore	1	Each	500.00
38.03	25 mm dia nominal bore	1	Each	1050.00
38.04	32 mm nominal bore	1	Each	1400.00
38.05	40 mm nominal bore	1	Each	1900.00
38.06	50 mm nominal bore	1	Each	2300.00
	Providing and fixing GI accessories and fittings for water mains			
39.00	GI Fittings ½ Inch (Elbow/ Coupling/ Nipple/Barrel nipple)	1	Each	70.00
40.00	GI Fittings ½ Inch (Tee)	1	Each	70.00
41.00	GI Fittings ½ Inch (Union)	1	Each	65.00
42.00	GI Fittings ¾ Inch (Elbow/ Coupling/ Nipple/Barrel nipple)	1	Each	80.00
43.00	GI Fittings ¾ Inch (Tee)	1	Each	50.00
44.00	GI Fittings ¾ Inch (Union)	1	Each	75.00
45.00	GI Fitting 1 Inch (Elbow/ Coupling/ Nipple/Barrel nipple)	1	Each	150.00
46.00	GI Fitting 1 Inch (Tee)	1	Each	75.00
47.00	GI Fitting 1 Inch (Union)	1	Each	190.00
48.00	GI Fitting 1 ¼ Inch (Elbow/ Coupling/ Nipple/Barrel nipple)	1	Each	150.00
49.00	GI Fitting 1 ¼ Inch (Tee)	1	Each	75.00

Sr.No.	Particulars of Works	Qty.	Unit	Amount
50.00	GI Fitting 1 ¼ Inch (Union)	1	Each	110.00
51.00	GI Fitting 1 ½ Inch (Elbow/ Coupling/ Nipple/Barrel nipple)	1	Each	100.00
52.00	GI Fitting 1 ½ Inch (Tee)	1	Each	100.00
53.00	GI Fitting 1 ½ Inch (Union)	1	Each	150.00
54.00	GI Fitting 2 Inch (Elbow/ Coupling/ Nipple/Barrel nipple)	1	Each	230.00
55.00	GI Fitting 2 Inch (Tee)	1	Each	160.00
56.00	GI Fitting 2 Inch (Union)	1	Each	250.00
57.00	GI Fitting 2 ½ Inch (Elbow/ Coupling/Nipple/Barrel nipple)	1	Each	175.00
58.00	GI Fitting 2 ½ Inch (Tee)	1	Each	250.00
59.00	GI Fitting 2 ½ Inch (Union)	1	Each	300.00
60.00	GI Fitting 3 Inch (Elbow/ Coupling/Nipple/Barrel nipple)	1	Each	250.00
61.00	GI Fitting 3 Inch (Tee)	1	Each	300.00
62.00	GI Fitting 3 Inch (Union)	1	Each	400.00
63.00	GI Fitting 4 Inch (Elbow/ Coupling/Nipple/Barrel nipple)	1	Each	350.00
64.00	GI Fitting 4 Inch (Tee)	1	Each	390.00
65.00	GI Fitting 4 Inch (Union)	1	Each	400.00
66.00	GI Fitting 4 Inch to 3 Inch (Reducer)	1	Each	300.00
67.00	GI Fitting 3 Inch to 2 ½ Inch (Reducer)	1	Each	200.00
68.00	GI Fitting 2 Inch to 1 ½ Inch (Reducer)	1	Each	160.00
69.00	GI Fitting 1 ½ Inch to 1 ¼ Inch (Reducer)	1	Each	140.00
70.00	GI Fitting 1 ¼ Inch to 1 Inch (Reducer)	1	Each	100.00
71.00	GI Fitting 1 Inch to ¾ Inch (Reducer)	1	Each	50.00
72.00	GI Fitting ¾ Inch to ½ Inch (Reducer)	1	Each	50.00
73.00	Gi Fitting ½ Inch (Plug)	1	Each	50.00
74.00	Gi Fitting ¾ Inch (Plug)	1	Each	30.00
75.00	Gi Fitting 1 Inch (Plug)	1	Each	40.00
76.00	Gi Fitting 1 ¼ Inch (Plug)	1	Each	40.00
77.00	Gi Fitting 1 ½ Inch (Plug)	1	Each	35.00
78.00	Gi Fitting 2 Inch (Plug)	1	Each	55.00
79.00	Gi Fitting 2 ½ Inch (Plug)	1	Each	70.00
80.00	Gi Fitting 3 Inch (Plug)	1	Each	85.00
81.00	Gi Fitting 4 Inch (Plug)	1	Each	80.00
82.00	GI Check Nut ½ Inch	1	Each	30.00
83.00	GI Check Nut ¾ Inch	1	Each	25.00
84.00	GI Check Nut 1 Inch	1	Each	30.00
85.00	GI Check Nut 1 ½ Inch	1	Each	35.00
86.00	GI Check Nut 2 Inch	1	Each	35.00
87.00	GI Check Nut 2 ½ Inch	1	Each	50.00
88.00	GI Check Nut 3 Inch	1	Each	50.00
89.00	GI Check Nut 4 Inch	1	Each	85.00
90.00	GI Bends ½ Inch	1	Each	125.00
91.00	GI Bends ¾ Inch	1	Each	45.00
92.00	GI Bends 1 Inch	1	Each	50.00
93.00	GI Bends 1 ¼ Inch	1	Each	60.00
94.00	GI Bends 1 ½ Inch	1	Each	65.00
95.00	GI Bends 2 Inch	1	Each	190.00
	Providing and fixing CPVC accessories and fittings for water mains			
96.00	CPVC Fittings ½ Inch (Elbow/ Coupling/ Nipple)	1	Each	30.00
97.00	CPVC Fittings ½ Inch (Tee)	1	Each	30.00
98.00	CPVC Fittings ½ Inch (Union)	1	Each	60.00
99.00	CPVC Fittings ¾ Inch (Elbow/ Coupling/ Nipple)	1	Each	130.00
100.00	CPVC Fittings ¾ Inch (Tee)	1	Each	50.00
101.00	CPVC Fittings ¾ Inch (Union)	1	Each	75.00
102.00	CPVC Fitting 1 Inch (Elbow/ Coupling/ Nipple)	1	Each	130.00
103.00	CPVC Fitting 1 Inch (Tee)	1	Each	50.00
104.00	CPVC Fitting 1 Inch (Union) of size	1	Each	105.00

Sr.No.	Particulars of Works	Qty.	Unit	Amount
105.00	Providing & fixing Mirror 600 x 450 mm	1	Each	600.00
106.00	Providing & fixing glass shelf above the wash basin	1	Each	300.00
107.00	Providing & fixing soap dispenser of standard size	1	Each	500.00
108.00	Providing and fixing glass shelf upto 9 inches for wall corner with fittings	1	Each	300.00
109.00	Providing fixing CP -Aqua Guard Tee-15 mm nominal bore	1	Each	200.00
110.00	Providing & fixing Waste coupling for basin 1 ½ Inch CP Brass	1	Each	390.00
111.00	Providing & fixing Waste coupling for basin 1 ¼ Inch CP Brass	1	Each	350.00
112.00	Providing & fixing Bottle trap SS/CP for basin & sink	1	Each	590.00
113.00	Providing & fixing Bottle trap CPVC/PVC for basin/sink	1	Each	150.00
114.00	Providing & fixing Full thread spindle	1	Each	275.00
115.00	Providing & fixing Half thread spindle	1	Each	300.00
116.00	Providing and fixing PVC / SS circular grating for Nahani Trap of approved quality and make-100 mm nominal dia	1	Each	200.00
117.00	Providing and fixing PVC / SS circular grating of approved quality and make-125 mm nominal dia	1	Each	190.00
118.00	Providing & fixing Rectangular type with openable circular lid 150 mm nominal size square 100 mm diameter of the inner hinged round grating(PVC)	1	Each	120.00
119.00	Providing and fixing PVC waste pipe 40 mm dia upto 1mtr length	1	Each	150.00
120.00	Providing & fixing PVC flexible drain pipe of size 32 mm dia upto 1 mtr	1	Each	250.00
121.00	Providing & fixing PVC flexible drain pipe of size 40 mm dia upto 1 mtr	1	RM	250.00
122.00	Providing and fixing metal connection pipe upto 45 cm	1	Each	325.00
123.00	Providing and fixing pvc connection pipe upto 45 cm	1	Each	300.00
124.00	Replacing/ providing & fixing flush tank handle (PVC)	1	Each	250.00
125.00	Replacing/ providing & fixing flush tank syphon (PVC)	1	Each	220.00
127.00	Providing & fixing Over flow Grating Mosquito proof water tanks 65 mm.NB	1	Each	150.00
128.00	Providing & fixing Over flow Grating Mosquito proof water tanks 80 mm.NB	1	Each	200.00
129.00	Providing & fixing over flow Grating Mosquito proof water tanks 100 mm.NB	1	Each	210.00
130.01	610 x 510 mm, bowl depth 200 mm	1	Each	1200.00
130.02	470 x 420 mm , bowl depth 178 mm	1	Each	600.00
131.00	Providing & fixing Stainless steel kitchen sink with drain board 510 x 1040 mm bowl depth 200 to 250 mm	1	Each	2500.00
133.00	Providing and fixing pvc pipes 25 mm dia	1	RM	200.00
134.00	Providing and fixing pvc pipes 50 mm dia	1	RM	300.00
137.00	CP brass chain with rubber plug	1	Each	90.00
144.00	Providing and fixing CI brackets for Commode / Basin / & fastner	1	Each	300.00
146.00	Providing & fixing Flat Back/half stall Urinals , 440mm x 315mm x 265 mm White-(Any ISI make)	1	Each	900.00
148.00	Providing & fixing Granite partition of size 750 mm x 450 mm	1	Each	470.00
149.00	Providing & fixing Marble partition of size 750 mm x 450 mm	1	Each	425.00
150.00	Providing and fixing CP brass flush pipe, spreaders with unions and clamps with waste fittings	1	Each	225.00
159.00	Providing and fixing CP JET-Spray with all fittings any ISI make	1	Each	900.00
160.00	Providing and fixing soil, waste and vent pipes-Sand Cast Iron Pipe			
160.01	100 mm-without socket	1	RM	600.00
160.02	75 mm-without socket	1	RM	450.00
160.03	100 mm-with socket	1	RM	550.00
160.04	75 mm-with socket	1	RM	350.00
161.00	Providing and fixing Bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.			
161.01	75 mm	1	Each	500.00
161.02	100 mm	1	Each	510.00
162.00	Providing and fixing Plain bend of required degree.			

Sr.No.	Particulars of Works	Qty.	Unit	Amount
162.01	75 mm	1	Each	400.00
162.02	100 mm	1	Each	430.00
163.00	Providing and fixing heel rest sanitary bend			
163.01	75 mm	1	Each	300.00
163.02	100 mm	1	Each	400.00
164.00	Providing and fixing double equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete :			
164.01	100x100x100x100 mm	1	Each	400.00
164.02	75x75x75x75 mm	1	Each	425.00
165.00	Providing and fixing double equal plain junction of required degree.			
165.01	100x100x100x100 mm	1	Each	500.00
165.02	75x75x75x75 mm	1	Each	400.00
166.00	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.			
166.01	100x100x100 mm	1	Each	525.00
166.02	75x75x75 mm	1	Each	400.00
167.00	Providing and fixing single equal plain junction of required degree.			
167.01	100x100x100 mm	1	Each	500.00
167.02	75x75x75 mm	1	Each	400.00
168.00	Providing and fixing double unequal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete : 100x100x75x75 mm	1	Each	520.00
169.00	Providing and fixing double unequal plain junction of required degree : 100x100x75x75 mm	1	Each	425.00
170.00	Providing and fixing single unequal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete : 100x100x75 mm	1	Each	390.00
171.00	Providing and fixing single unequal plain junction of required degree : 100x100x75 mm	1	Each	525.00
172.00	Providing and fixing double equal plain invert branch of required degree			
172.01	100x100x100x100 mm	1	Each	700.00
172.02	75x75x75x75 mm	1	Each	500.00
173.00	Providing and fixing single equal plain invert branch of required degree :			
173.01	100x100x100 mm	1	Each	550.00
173.02	75x75x75x75 mm	1	Each	520.00
174.00	Providing and fixing double unequal invert branch of required degree : 100x100x75x75 mm	1	Each	500.00
175.00	Providing and fixing single unequal plain invert branch of required degree : 100x100x75 mm	1	Each	500.00
176.00	Providing and fixing sand cast iron S&S off sets			
176.01	75 mm	1	Each	400.00
176.02	100 mm	1	Each	100.00
177.00	Providing and fixing sand cast iron S&S off sets-114 mm off sets			
177.01	75 mm	1	Each	600.00
177.02	100 mm	1	Each	610.00
178.00	Providing and fixing sand cast iron S&S off sets-150 mm off sets			
178.01	75 mm	1	Each	280.00
178.02	100 mm	1	Each	300.00
179.00	Providing and fixing door piece, insertion rubber washer 3mm thick, bolts & nuts complete :			
179.01	75 mm	1	Each	100.00
179.02	100 mm	1	Each	200.00
180.00	Providing and fixing terminal guard Cowl cap			
180.01	75 mm	1	Each	270.00
180.02	100 mm	1	Each	280.00
181.00	Providing and fixing cast iron collar :			

Sr.No.	Particulars of Works	Qty.	Unit	Amount
181.01	75 mm	1	Each	250.00
181.02	100 mm	1	Each	260.00
182.00	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement : 2 fine sand) in S.C.I./ C.I. Pipes :			
182.01	75 mm	1	Each	80.00
182.02	100 mm	1	Each	90.00
183.00	Providing and fixing M.S. stays and clamps for sand cast iron/centrifugally cast (spun) iron pipes of diameter :			
183.01	75 mm	1	Each	80.00
183.02	100 mm	1	Each	90.00
184.00	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete,			
184.01	100 mm inlet and 100 mm outlet	1	Each	400.00
184.02	100 mm inlet and 75 mm outlet	1	Each	410.00
185.00	Providing and fixing soil, waste and vent pipes- PVC- SWR pipes and accessories.			
185.01	PVC – SWR Pipe 75 mm.	1	RM	400.00
185.02	PVC – SWR Pipe 110 mm.	1	RM	600.00
185.03	PVC – SWR Pipe 160 mm.	1	RM	700.00
185.04	PVC Coupler 75 mm. Dia.	1	Each	110.00
185.05	PVC Coupler 110 mm. Dia.	1	Each	170.00
185.06	PVC Coupler 160 mm. Dia.	1	Each	200.00
185.07	PVC Plain Bend 75 mm. Dia.	1	Each	130.00
185.08	PVC Plain Bend 110 mm. Dia.	1	Each	200.00
185.09	PVC Plain Bend 160 mm. Dia.	1	Each	190.00
185.10	PVC Door Bend 75 mm. Dia.	1	Each	110.00
185.11	PVC Door Bend 110 mm. Dia.	1	Each	120.00
185.12	PVC Door Bend 160 mm. Dia.	1	Each	400.00
185.13	PVC Plain Tee 75 mm. Dia.	1	Each	100.00
185.14	PVC Plain Tee 110 mm. Dia.	1	Each	140.00
185.15	PVC Plain Tee 160 mm. Dia.	1	Each	320.00
185.16	PVC Door Tee 75 mm. Dia.	1	Each	390.00
185.17	PVC Door Tee 110 mm. Dia.	1	Each	170.00
185.18	PVC Door Tee 160 mm. Dia.	1	Each	450.00
185.19	PVC Plain Y 75 mm.	1	Each	100.00
185.20	PVC Plain Y 110 mm.	1	Each	160.00
185.21	PVC Plain Y 160 mm.	1	Each	330.00
185.22	PVC Door Y 75 mm.	1	Each	110.00
185.23	PVC Door Y 110 mm.	1	Each	120.00
185.24	PVC Door Y 160 mm.	1	Each	500.00
185.25	PVC Vent Cowl for 75 mm /110mm /160mm	1	Each	60.00
185.26	PVC Pipe Clip for 75 mm /110mm /160mm	1	Each	25.00
185.27	PVC Door Cap for 75 mm /110mm /160mm	1	Each	85.00
185.28	PVC Socket/ Plug for 75 mm /110mm /160mm	1	Each	95.00
224	Removing defective Flush tanks	1	Each	170.00
225	Removing /dismantling Pillar tap/bib cock/stop cock/angle cock	1	Each	100.00
226	Removing seat cover of english commode	1	Each	100.00
227	Removing/dismantling Urinals with fittings	1	Each	200.00
228	Removing urinal partitions	1	Each	200.00
229	Removing the wash basins / sink with all fittings and fixtures	1	Each	250.00
230	Removing/dismantling English W/c with fittings	1	Each	250.00
246	Repairing of pillar tap/stop cock/bib cock/angle cock/push cock	1	Each	150.00
247	Repairing of ball Valve/wheel valve/non-return valve/gate valve of water mains all sizes	1	Each	450.00
248	Repairing flush tank and stopping the overflow / leakage	1	Each	210.00
249	Repairing float valve/ball cock of over-head water tank	1	Each	600.00

Sr.No.	Particulars of Works	Qty.	Unit	Amount
250	Repairing Jet-spray	1	Each	150.00
251	Installation of Aqua guard with all accessories	1	Each	250.00
252	Installation of Geyser with all accessories	1	Each	500.00
253	Installing in position wash basin / sink	1	Each	250.00
254	Installing in position Flush Tank with connection	1	Each	250.00
255	Installing in position European W/c commode	1	Each	300.00
256	Installation of water pumps upto 7.5 HP capacity	1	Each	800.00
257	Installation of water pumps beyond 7.5 HP capacity	1	Each	900.00

Items to be executed on approval				
15	Providing and fixing Wall-Mixer non telephonic shower system of SEIKO or equivalent ISI make	1	Each	1550.00
16	Providing and fixing 3 in 1 shower system with 115 mm bend pipe of SEIKO or equivalent ISI make	1	Each	2575.00
17	Providing and fixing Wall-Mixer non telephonic shower system of JAQUAR make	1	Each	2025.00
18	Providing and fixing 3 in 1 shower system with 115 mm bend pipe of JAQUAR make	1	Each	3050.00
34	Providing and fixing gun metal gate valve/Wheel valve//Sluice Valve with C.I. wheel of approved quality (screwed end) :			
34.01	25 mm nominal bore	1	Each	875.00
34.02	32 mm nominal bore	1	Each	1050.00
34.03	40 mm nominal bore	1	Each	1400.00
34.04	50 mm nominal bore	1	Each	2100.00
34.05	65 mm nominal bore	1	Each	2700.00
34.06	80 mm nominal bore	1	Each	3200.00
34.07	100 mm nominal bore	1	Each	3500.00
35	Providing and fixing gun metal non- return valve of approved quality (screwed end)			
35.01	25 mm nominal bore	1	Each	1000.00
35.02	32 mm nominal bore	1	Each	1100.00
35.03	40 mm nominal bore	1	Each	1300.00
35.04	50 mm nominal bore	1	Each	1900.00
35.05	65 mm nominal bore	1	Each	2300.00
35.06	80 mm nominal bore	1	Each	2600.00
35.07	100 mm nominal bore	1	Each	3300.00
126.00	Providing and fixing enclosed type water meter (bulk type) conforming to IS : 2373 and tested by Municipal Board complete with bolts, nuts, rubber insertions etc.			
126.01	40 mm nominal bore	1	Each	4000.00
126.02	50 mm nominal bore	1	Each	4500.00
130.00	Providing & fixing Stainless steel kitchen sink without drain board	1	Each	2000.00
132.00	Extra for NIRALI and equivalent SS sink without drainboard	1	Each	2450.00
135.00	Providing & fixing White Vitreous Sink 450 mm x 300 mm x 150 mm any ISI make	1	Each	700.00
136.00	Providing & fixing White Vitreous Sink 600 mm x 400 mm x 200 mm any ISI make	1	Each	800.00
140.00	Providing & fixing White Vitreous Flat back Wash Basin			
140.01	630 x 450 mm size	1	Each	1100.00
140.02	550 x 400 mm size	1	Each	900.00
140.03	450 x 300 mm size	1	Each	800.00
141.00	Extra for PARRY-WARE /Hindware wash basin-630x450 mm size	1	Each	1600.00
142.00	Extra for PARRY-WARE /Hindware wash basin-550x400 mm size	1	Each	1200.00
143.00	Providing & fixing white Vitreous china pedestal for wash basin completely recessed at the back .	1	Each	1000.00
145.00	Providing & fixing flat Back/ half stall Urinals , 635mm x 395mm x 420 mm White-(Any ISI make)	1	Each	1700.00
147.00	Providing & fixing Ceramic Urinal Partition White (700 mm x 340 mm)	1	Each	1000.00
151.00	Providing and fixing white vitreous china water closet squatting pan (Indian type) :Long pattern W.C. pan of size 580 mm (Any ISI make)	1	Each	950.00
152.00	Providing and fixing white vitreous china water closet squatting pan (Indian type) :Orissa pattern W.C. pan of size 580 mmx 440 mm (Any ISI make)	1	Each	950.00

153.00	Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan any ISI make	1	Each	1600.00
154.00	Providing and fixing white vitreous European type water closet pan- Wall mounted -(Any ISI make)	1	Each	1900.00
155.00	Extra for PARRY-WARE or Equivalent commode	1	Each	1800.00
156.00	Providing and fixing White solid plastic seat with lid (seat cover)	1	Each	700.00
157.00	Providing and fixing Black solid plastic seat with lid (seat cover)	1	Each	500.00
158.00	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.10 liter capacity	1	Each	1100.00
186.00	Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. Complete :			
186.01	100 mm	1	RM	190.00
186.02	150 mm	1	RM	235.00
186.03	200 mm	1	RM	280.00
186.04	250 mm	1	RM	350.00
187.00	Providing and laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes ranging from 100mm dia to 250 mm dia including bed concrete	1	Cft	310.00
188.00	Providing and fixing square-mouth S.W. gully trap chamber complete with C.I. grating brick masonry chamber with water tight C.I. Cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design :with non modular bricks			
188.01	100x100 mm size P type	1	Each	1800.00
188.02	150 x 100 mm size P type	1	Each	2600.00
188.03	180x150 mm size P type	1	Each	2950.00
189.00	Providing and fixing CI nahani trap	1	Each	250.00
190.00	Providing and fixing PVC nahani trap	1	Each	200.00
191.00	Brick Masonary for raising chamber height with cement mortar 1 : 6	1	Cft	180.00
191.01	Brick Masonary work 4'	1	Sqft	70.00
191.02	Brick Masonary work 9'	1	Sqft	136.00
192.00	External plaster 18 mm thick with cement mortar 1:4 on brick masonry.	1	SM	600.00
193.00	Internal plaster 12 mm thick with cement mortar 1:4 including cement punning	1	Sft	90.00
194.00	Providing & Fixing ceramic tiles of floors/ walls etc. complete with all meterials	1	sft	130.00
195.00	Providing & Fixing Granite stone Patti upto 4" Inches width	1	RM	420.00
196.00	Providing & Fixing Cuddapah Patti upto 6 " Inches width	1	RM	380.00
197.00	Providing and fixing circular C.I.cover with frame 560 mm diameter	1	Each	3000.00
198.00	Providing & fixing rectangular C.I.cover with frame 455x610 mm internal dimensions for inspection chambers.	1	Each	2700.00
199.00	Providing & fixing rectangular C.I.cover with frame 455x910 mm internal dimensions for inspection chambers	1	Each	3500.00
200.00	Providing and fixing rectangular C.I cover for gully chamber	1	Each	500.00
201.00	Connecting sewer line with existing manhole chamber including breaking and making good the holes with cement mortar.	1	Each	900.00
205.00	P/F Urinal Solenoid Valve	1	Each	1500.00
	Labour Services only			
211	Services of Skilled worker like Plumber or Mason for unspecified works	1	per hour	120.00
212	Service of unskilled worker for unspecified works	1	per hour	90.00
218	Cleaning/removing choke from sewer/gutter line	1	RM	500.00
219	Cleaning/removing choke from inspection chamber (rectangular)	1	Each	1400.00

220	Cleaning choked & clogged up manhole chamber (circular)	1	Each	1500.00
231	Removing/dismantling Indian W/c with fittings and breaking of floor.	1	Each	1000.00
232	Removing/dismantling gate valve/slucice valve/non-return valve/ball valve	1	Each	300.00
233	Removing/dismantling water pumps up to 7.5 HP capacity	1	Each	800.00
234	Removing/dismantling water pumps 7.5 HP capacity and above	1	Each	800.00
235	Removing Aqua guard with fittings	1	Each	250.00
236	Removing Geyser with fittings	1	Each	350.00
237	Removing rain water pipes	1	RM	200.00
238	Removing/dismantling water mains of all sizes including breaking/excavation	1	RM	120.00
239	Excavation for pipes upto 2 feet depth	1	RM	210.00
240	Excavation for pipe beyond 2 feet upto 5 feet depth	1	RM	250.00
241	Making chases upto 3 inches in wall/floors and making good with cement mortar	1	RM	270.00
242	Making holes in the walls upto 4 inches and making good with cement mortar	1	Each	500.00
243	Making holes in the walls upto 6 inches and making good with cement mortar	1	Each	550.00
244	Making holes in the walls upto 9 inches and making good with cement mortar/concrete	1	Each	600.00
245	Making washing machine connection	1	Each	450.00