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आई आई टी हैदराबाद
IIT Hyderabad

భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीयप्रौद्योगिकीसंस्थानहैदराबाद
కాండ్లీ - 502284, సాంగారెడ్డి, తెలంగాణ, భారత
फोन : (040) 23016091; फैक्स : (040) 6003 / 32
Indian Institute of Technology Hyderabad
Kandi - 502 284, Sangareddy, Telangana, INDIA
Phone: (040) 2301 6091; Fax: (040) 2301 6003 /32
Construction and Maintenance Division

NOTICE INVITING QUOTATION

NIQ No: IITH/CMD/CIVIL/2023-24/NIQ-50

Date: 8th March 2024

The Executive Engineer (Civil), Indian Institute of Technology Hyderabad, Kandi, Sangareddy, – 502 284 invites on behalf of the Director IITH sealed item rate quotations for supply of items from Manufacturer/ Authorized distributors/ Dealers or Registered Firms/Agencies.

Copy of Valid GST Registration Certificate & GSTIN should accompany the Technical Bid.

The quotations should be sent in a sealed cover addressed to Executive Engineer (Civil), Indian Institute of Technology Hyderabad, super scribing the name of work.

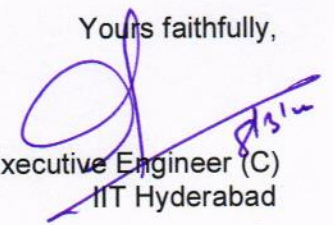
NAME OF WORK: Procurement of Day-to-day Maintenance material and Tools for Academic Blocks, 03 No's Faculty Housing, 02No's Staff Housing, 19No's Hostels and all other aligned associated buildings within the Campus at IIT Hyderabad, Kandi, Sangareddy..

SH-A: Procurement of Plumbing Fixtures.

Estimated Cost	:	Rs. 45,57,476.00
EMD	:	Rs. 91,200.00 (The EMD shall be form of Demand Draft Drawn in any Scheduled bank in favour of Indian Institute of Technology Hyderabad, payable at SBI, IIT Hyderabad Branch)
Time for Completion of Work	:	07 Days
Last Date of Receipt of Quotations	:	12-03-2024@3PM
Date of Opening of Quotations	:	12-03-2024@4PM
Validity of Quotations	:	30 Days

Conditional Quotations or Quotations with conditional rebate shall be summarily rejected.

Yours faithfully,


Executive Engineer (C)
IIT Hyderabad

NOTE:

- 1) Downloaded quotations are accepted (<https://iith.ac.in/tenders/#Civil%20Works>).
- 2) Quotations received through Speed post or Courier within the time limit shall be accepted.

SCHEDULE OF QUANTITIES

Name of work: Procurement of Day-to-day Maintenance material and Tools for Academic Blocks, 03 No's Faculty Housing, 02No's Staff Housing, 19No's Hostels and all other aligned associated buildings within the Campus at IIT Hyderabad, Kandi, Sangareddy.

SH-A: Procurement of Plumbing Fixtures.

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
1	CPVC 15mm elbow(90 Degree)	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
2	CPVC 15mm Elbow 45 Degree	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
3	CPVC 15mm Brass elbow	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
4	CPVC 20mm elbow 45 Degree	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
5	CPVC 20 mm elbow 90 Degrees	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
6	CPVC 20mm Brass elbow	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
7	CPVC 25 mm elbow 45 Degree	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
8	CPVC 25 mm elBow 90 Degrees	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	200.00	Each			
9	CPVC 25mm Brass elbow	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
10	CPVC 32 mm elbow 45 Degree	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
11	CPVC 32 mm elbow 90 Degrees	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
12	CPVC 32 mm Brass elbow	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
13	CPVC 40mm elbow 45 bend	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
14	CPVC 40mm elbow 90 degrees	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
15	CPVC 50mm Elbows 45 Degree	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
16	CPVC 50mm Elbows 90 Degree	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
17	CPVC 15mm ball valve	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
18	CPVC 20 mm Ball valve	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
19	CPVC 25 mm Ball valve	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
20	CPVC 32 mm Ball valve	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
21	CPVC 15mm T	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
22	CPVC 20 mm T	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
23	CPVC 25 mm T	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
24	CPVC 25mm BrassTee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
25	CPVC 32 mm T	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
26	CPVC 40mm Tee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
27	CPVC 50mm Tee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
28	CPVC 20mmx15mm Tee Brass	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
29	CPVC 25mm x 20mm reduced Tee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
30	CPVC 25mmx20mm reduced Tee Brass	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
31	CPVC 32mm X 20 mm reduced Tee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
32	CPVC 32mm X 25 mm reduced Tee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
33	CPVC 15mm FTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
34	CPVC 15mm MTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
35	CPVC 20mm FTA Brass	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
36	CPVC 20 mm MTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
37	CPVC 20 mm FTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
38	CPVC 25 mm MTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
39	CPVC 25 mm FTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
40	CPVC 32 mm MTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
41	CPVC 32 mm FTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
42	CPVC 20 mm MTA Brass	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
43	CPVC 25 mm MTA Brass	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
44	CPVC 25 FTA Brass	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
45	CPVC 32 mm MTA Brass	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
46	CPVC 32 FTA Brass	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
47	CPVC 40mm Brass MTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
48	CPVC 40mm Brass FTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
49	CPVC 2" FTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
50	CPVC 2" MTA	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
51	CPVC 15mm Union	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
52	CPVC 20 mm Union	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
53	CPVC 25 mm Union	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
54	CPVC 32 mm Union	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
55	CPVC 20 mm Brass Union MABT	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
56	CPVC 25 mm Brass Union MABT	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
57	CPVC 20 mm Brass Union FABT	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
58	CPVC 25 mm Brass Union FABT	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
59	CPVC 40mm Unions	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
60	CPVC 15mmx 20mm reducer	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
61	CPVC 15mm x 20mm bush	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
62	CPVC 25mmx20mm Reducers	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
63	CPVC 25mm x 20mm bush	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
64	CPVC 25mm X 32 mm Reducers	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
65	CPVC 25mm x 32mm mm bush	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
66	CPVC 32mm X 20 mm Reducers	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
67	CPVC 32mm X 20 mm Bush	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
68	CPVC 32mm X 25 mm Bush	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
69	CPVC 40mm x 32mm Reducer	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
70	CPVC 50mm x 40mm Reducer	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
71	CPVC 40mmX32mm Bush	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	15.00	Each			
72	CPVC Pipe 15mm-3 Mt	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	15.00	Each			
73	CPVC Pipes 20mm-3 mtr	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
74	CPVC Pipes 25mm- 3 mtr	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
75	CPVC Pipes 32 mm - 3 mtr	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	15.00	Each			
76	CPVC pipe 40mm -3 mtr	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	15.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
77	CPVC Pipe 50mm- 3 mtr	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	15.00	Each			
78	CPVC 15mm end cap	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
79	CPVC 20 mm END cap	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
80	CPVC 25 mm END cap	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
81	CPVC 32 mm END cap	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
82	CPVC 50mm END CAP	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
83	CPVC Couplers 15mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	200.00	Each			
84	CPVC Couplers 20mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	500.00	Each			
85	CPVC Couplers 32mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
86	CPVC Couplers 25mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	200.00	Each			
87	CPVC coupler 40mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
88	CPVC Coupler 50mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	15.00	Each			
89	CPVC 3/4"x1/2" Brass L bow	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
90	CPVC 20mm Ball valve Brass Threaded Two side	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
91	CPVC 20mm Ball valve Brass Threaded one side	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
92	CPVC 25mm Ball valve Brass Threaded one side	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
93	CPVC 25mm Ball valve Brass Threaded Two side	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
94	CPVC 32 mm Ball valve	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
95	CPVC 32 mm Ball valve Brass Threaded one side	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
96	CPVC 32 mm Ball valve Brass Threaded Two side	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
97	CPVC 40mm Ball valve	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
98	CPVC 50mm Ball valve	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
99	CPVC 15mm Ball valve handle	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
100	CPVC 20mm Ball valve handle	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
101	CPVC 25mm Ball valve handle	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
102	CPVC 32 mm Ball valvehandle	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
103	CPVC 15mm clamps	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
104	CPVC 20mm clamps	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	350.00	Each			
105	CPVC25 mm clamps	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	150.00	Each			
106	CPVC 32mm clamps	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
107	CPVC 40mm Clamp	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
108	CPVC tank nipple one side Pipe fitting 25 mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
109	CPVC tank nipple one side Pipe fitting 20 mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
110	CPVC tank nipple 25 mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
111	CPVC tank nipple 20 mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
112	CPVC Solvent -50ml	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
113	CPVC Solvent 100 ml	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
114	CPVC Solvent cement tube 25ml	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
115	CPVC Flange 75 mm dia	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
116	CPVC Flange 65 mm dia	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
117	CPVC Flange 50 mm dia	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
118	Brass Ball valve 15 mm	Zoloto/Sudhakar/Ashirvad/Astral equivalent as approved by Engineer in charge	50.00	Each			
119	Brass Ball valve 25mm	Zoloto/Sudhakar/Ashirvad/Astral equivalent as approved by Engineer in charge	20.00	Each			
120	Brass Ball valve 20mm	Zoloto/Sudhakar/Ashirvad/Astral equivalent as approved by Engineer in charge	50.00	Each			
121	Brass Ball Valve 32 mm	Zoloto/Sudhakar/Ashirvad/Astral equivalent as approved by Engineer in charge	20.00	Each			
122	Brass Ball valve 50mm (2")	Zoloto/Sudhakar/Ashirvad/Astral equivalent as approved by Engineer in charge	10.00	Each			
123	Reducing Male adapter Brass threaded 3/4"X 1/2"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
124	Reducing Male adapter Brass threaded 3/4"X 1"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
125	Reducing Male adapter Brass threaded 1"X 1/2"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
126	Brass Elbow-MABT 3/4"X 1/2"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
127	Reduced Coupler 1"X 3/4"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
128	Reduced Coupler 1/2"X 3/4"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
129	Reduced Coupler 1"X 1/2"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
130	Extension Nipple 1"X 1/2"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
131	Extension Nipple 1 1/2"X 1/2"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
132	Elbow 90 degree (Brass) 1"X 3/4"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
133	Elbow 90 degree (Brass) 3/4"X 3/4"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
134	Elbow 90 degree (Brass) 1"X 1"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
135	Elbow 90 degree (Brass) 3/4"X 1/2"	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
136	Tank Nipple washer 1 "	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
137	PVC 160mm Pipe 6 kg/cm2 - 20 feet	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
138	PVC SWR Type-B 160 mm Pipe 6 kg/cm2 - 20 fee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
139	PVC Type-B SWR 110 mm Pipe- 3 mtr	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
140	PVC Type-B SWR 75 mm Pipe-3 mtr	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
141	PVC 63 mm Pipe- 3 mtr 4 kg/cm2	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
142	PVC 50 mm Pipe- 3 mtr 6 kg/cm2	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
143	PVC 40 mm Pipe- 3 mtr 6 kg/cm2	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
144	Pvc Pipe 32 mm - 6 mtr PN10	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
145	PVC 160mm coupler	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
146	PVC SWR Type-B 160mm Coupler	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
147	PVC SWR Type-B 110 mm Coupler	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
148	PVC SWR Type-B 75 mm Coupler	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
149	PVC 63 mm Coupler	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
150	PVC 50 mm Coupler	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
151	PVC 40 mm Coupler	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
152	Pvc 32 mm Coupler PN10	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
153	PVC SWR 160 mm Equal Tee PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
154	PVC 110 mm Equal Tee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
155	PVC 75 mm Equal Tee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
156	PVC 63 mm Equal Tee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
157	PVC 50 mm Equal Tee PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
158	PVC 40 mm Equal Tee PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
159	Pvc 32 mm Tee PN6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
160	PVC 160mm elbow 90 Degrees	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
161	PVC SWR 160 mm Elbow -90 degrees PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
162	PVC SWR 160 mm Elbow -45 degrees PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
163	PVC SWR 110 mm Elbow 90 degrees PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
164	PVC SWR 110 mm Elbow 45 degrees PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
165	PVC SWR Type-B 75 mm Elbow 90 degrees PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
166	PVC 63 mm Elbow 90 degrees PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
167	PVC 50 mm Elbow 90 degrees PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
168	PVC 40 mm Elbow 90 degrees PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
169	PVC 75 mm Threaded Elbow PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
170	PVC 63 mm Threaded Elbow PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
171	PVC 75 mm X 63 mm Reduced Threaded Elbow PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
172	PVC 110 mm MTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
173	PVC 110 mm FTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
174	PVC 75 mm MTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
175	PVC 75 mm FTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
176	PVC 63 mm MTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
177	PVC 63 mm FTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
178	PVC 50 mm FTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
179	PVC 50 mm MTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
180	PVC 40 mm MTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
181	PVC 40 mm FTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
182	PVC 32 mm MTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
183	PVC 32 mm FTA PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
184	PVC 200 mm End cap plain PN 6 or reputed	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	2.00	Each			
185	PVC 160 mm End cap plain PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
186	PVC 110 mmEnd cap plain PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
187	PVC 110 mm Theaded End cap PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
188	PVC 75 mm End cap plain PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
189	PVC 75 mm Theaded End cap PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
190	PVC 63 mmEnd cap plain PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
191	PVC 63 mm Theaded End cap PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
192	PVC 50 mm End cap plain PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
193	PVC 50 mm Theaded End cap PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
194	PVC 40 mm End cap plain PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
195	PVC 40 mm Theaded End cap PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
196	Pvc 32 mm End Cap PN6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
197	PVC 20 mm end cap	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
198	Pvc 25mm end cap	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
199	PVC 50 mm X 20 mm saddle PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
200	PVC 50 mm X 25 mm Theaded Saddle PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
201	PVC 40 mm X 20 mm Theaded Saddle PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
202	PVC 75 mm X 110 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
203	PVC 63 mm X 110 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
204	PVC 63 mm X 75 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
205	PVC 40 mm X 50 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
206	PVC 40 mm X 63 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
207	PVC40 mm X 75 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
208	PVC 50 mm X 63 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
209	PVC 50 mm X 75 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
210	PVC40 mm X 32 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
211	PVC50 mm X 32 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
212	PVC110 mm X 160 mm Reducer PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
213	PVC110 mm X 160 mm Reducer TEE PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
214	PVC160 mm X 75 mm Reducer TEE PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
215	PVC110 mm X 75 mm Reducer TEE PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
216	PVC75 mm X 63 mm Reducer TEE PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
217	PVC 63 mm X 75 mm Reducer TEE PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
218	PVC 63 mm X 40 mm Reducer TEE PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
219	PVC 160 mm Repairing coupler PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
220	PVC 110 mm Repairing coupler PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
221	PVC 75 mm Repairing coupler PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
222	PVC 63 mm Repairing coupler PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
223	PVC 160 mm Equal Door Tee PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
224	PVC 110 mm Equal Door Tee PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
225	PVC 75 mm Equal Door Tee PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			
226	PVC 63 mm Equal Door Tee PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			
227	PVC 50 mm Equal DOOR Tee PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			
228	PVC 40 mm Equal Plain Tee PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
229	PVC 160 mm Elbow PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
230	PVC 160 mm Equal Door Elbow PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
231	PVC 110 mm Equal Door Elbow PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
232	PVC 75 mm Equal Door Elbow PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
233	PVC 63 mm Equal Door Elbow PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			
234	PVC 50 mm Equal DOOR Elbow PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
235	PVC 40 mm Equal Plain Elbow PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
236	PVC 110 mm 45 degree Bend PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
237	PVC 75 mm45 degree Bend PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
238	PVC 63 mm 45 degree Bend PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
239	PVC 50 mm 45 degree Bend PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
240	PVC 40 mm 45 degree Bend PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
241	Pvc 32 mm Elbow PN10	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
242	Pvc 32 mm 45 Bend PN6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
243	PVC 110 mm Pipe clamps PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	300.00	Each			
244	PVC 75 mmPipe clamps PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	300.00	Each			
245	PVC 63 mm Pipe clamps PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	300.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
246	PVC 50 mm Pipe clamps PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
247	PVC 40 mm Pipe clamps PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
248	Pvc 32 mm Clamps	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
249	PVC 160 mm Equal Y PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
250	PVC 110 mm Equal Y PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			
251	PVC 75 mm Equal Y PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			
252	PVC 110 mm X 160 mm Reducer Y PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
253	PVC 160 mm X 75 mm Reducer Y PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			
254	PVC 110 mm X 63 mm Reducer Y PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
255	PVC 110 mm Equal Door Y PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			
256	PVC 75 mm Equal DOOR Y PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			
257	PVC 63 mm Equal Door Y PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			
258	PVC 50 mm Equal Door Y PN 6	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	25.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
259	PVC 110x 75 mm Multi floor trap	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
260	PVC 110x75 mm Nahani Trap	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
261	PVC 3/4" long plug (end plug/dummy plug)	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
262	PVC 1/2" long plug (end plug/dummy plug)	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
263	PVC Solvent 100 ml	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
264	PVC Solvent 250 ml	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
265	PVC Solvent-50ml	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	60.00	Each			
266	PVC Lubricant -100 ml	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
267	PVC 110 mm dia P trap	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
268	PVC 90 mm dia P trap	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
269	Water meter Class - B 100 mm dia	Kranthi /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
270	Water meter Class - B 75 mm dia	Kranthi /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
271	Water meter Class - B 50 mm dia	Kranthi /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
272	Water meter Class - B 40 mm dia	Kranthi /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
273	Water meter Class - B 32 mm dia	Kranthi /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
274	Water meter Class - B 25 mm dia	Kranthi /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
275	Water meter Class - B 20 mm dia	Kranthi /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
276	G.I 15mm Hex nipples	HB or Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
277	G.I 25mm Hex nipples	HB or Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
278	G.I 32mm Hex nipples	HB or Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
279	G.I 40mm Hex nipples	HB or Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
280	G.I Nipple 1/2" x 6 " length	HB or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
281	G.I Nipple 1/2" x 1ft length	HB or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
282	GI Nipple 3/4" - length 6"	HB or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
283	GI Nipple 1"-length 6"	HB or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
284	G.I 15mm elbows	HB or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
285	GI Dummy 20mm	HB or Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
286	GI Dummy 1"	HB or Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
287	GI Dummy 32mm	HB or Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
288	GI Union 20mm	HB or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
289	GI Union 25mm	HB or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
290	GI Union 40mm	HB or Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
291	GI Union 50mm	HB or Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
292	GI Union 100mm	HB or Equivalent as Aprooved by Engineer-In-Charge	1.00	Each			
293	GI Union 32mm	HB or Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
294	GI Union 65mm	HB or Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
295	GI Union 80mm	HB or Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
296	GI 40mm Dummy	HB or Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
297	GI 50mm Dummy	HB or Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
298	GI 65mm Dummy	HB or Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
299	GI 80mm Dummy	HB or Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
300	GI Reducer 32mm to 25mm	HB or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
301	GI Reducer 25mm to 20mm	HB or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
302	Non Returning Valve 50mm dia	Local Make as approved by Engineer in charge	10.00	Each			
303	UPVC 2 1/2 " Pipe (SCHD 80)-3 mtr	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
304	UPVC 2 1/2 " Elbow 90 degrees	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
305	UPVC 2 1/2 " Coupling	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
306	UPVC 2 1/2 " Tee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
307	UPVC 2 1/2 " 45 degree Bend	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
308	UPVC 1 1/4 " Pipe (SCHD 80)	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
309	UPVC 1 1/4 " Elbow(90 Degree)	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
310	UPVC 1 1/4 " Coupling	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
311	UPVC 1 1/4 " Tee	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
312	UPVC 1 1/4 " 45 degree Bend	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
313	UPVC reducers 50 x 40mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
314	UPVC solvent 250 ml	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
315	UPVC end caps-40mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
316	UPVC end caps-50mm	Sudhakar/Ashirvad/Astral /Hil Birla/Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
317	Thread for GI fittings	Local make as Aprooved by Engineer-In-Charge	20.00	Each			
318	GI pipe sealent 500 ml	Local make as Aprooved by Engineer-In-Charge	2.00	Each			
319	DRIP Seal reputed 1kg	Local make as Aprooved by Engineer-In-Charge	5.00	Each			
320	Jantha Paste	Local make as Aprooved by Engineer-In-Charge	10.00	Each			
321	POWDER COATED METAL CLAMP(1/2")	Local make as Aprooved by Engineer-In-Charge	100.00	Each			
322	POWDER COATED METAL CLAMP(3/4")	Local make as Aprooved by Engineer-In-Charge	200.00	Each			
323	POWDER COATED METAL CLAMP(1")	Local make as Aprooved by Engineer-In-Charge	200.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
324	POWDER COATED METAL CLAMP(1 1/2")	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
325	POWDER COATED METAL CLAMP(1 1/4")	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
326	POWDER COATED METAL CLAMP(1 1/4")	Local make as Aprooved by Engineer-In-Charge	30.00	Each			
327	POWDER COATED METAL CLAMP(2")	Local make as Aprooved by Engineer-In-Charge	20.00	Each			
328	White cement 1Kg	Birla or Equivalent as Aprooved by Engineer-In-Charge	50.00	Per Kg			
329	Wall Putty White 1 Kg	Birla or Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
330	POP 1K g	Birla or Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
331	Bleaching Power 1 Kg	Local make as Aprooved by Engineer-In-Charge	0.00	Each			
332	Tile Grout Laticrete 1Kg Ivaory	MYK or Euquivalent as Aprooved by Engineer-In-Charge	50.00	Each			
333	Sponges	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
334	Urinal Connecting pipes with SS nut on ends	Local make as Aprooved by Engineer-In-Charge	100.00	Each			
335	Bib cock (Make: CERA, Model No-2002152)	CERA or Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
336	Flushing tank float valves	Local make as Aprooved by Engineer-In-Charge	150.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
337	Flushing tank M -Krob	Local make as Aprooved by Engineer-In-Charge	15.00	Each			
338	Teflon tape	Local make as Aprooved by Engineer-In-Charge	500.00	Each			
339	SS Grating 4"	Local make as Aprooved by Engineer-In-Charge	40.00	Each			
340	Araldide 90 gms	Araldide or Equivalent as Aprooved by Engineer-In-Charge	50.00	Each			
341	Araldide 180 gms	Araldide or Equivalent as Aprooved by Engineer-In-Charge	40.00	Each			
342	PVC Garden braided/threaded hoose pipe(30Mtr)- 3/4"	Local make as Aprooved by Engineer-In-Charge	3.00	Each			
343	SS Urinal clamps	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
344	G.I Urinal Clamps	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
345	M-Seal (Sanitary)-white epoxy putty	M seal or Equivalent as Aprooved by Engineer-In-Charge	100.00	Each			
346	Self fusing compound rubber tap	3 M or quivalent as Aprooved by Engineer-In-Charge	50.00	Each			
347	Geyser inlet pipes PVC 3 feet long	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
348	Geyser inlet pipes PVC 2 feet long	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
349	Geyser inlet pipes SS 3 feet long	Local make as Aprooved by Engineer-In-Charge	50.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
350	Geyser inlet pipes SS 2 feet long	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
351	connection pipe washers	Local make as Aprooved by Engineer-In-Charge	200.00	Each			
352	caustic soda	Local make as Aprooved by Engineer-In-Charge	30.00	Kg			
353	Acid bottle- 1 lit	Local make as Aprooved by Engineer-In-Charge	100.00	Lit			
354	CPVC Bottle trap	Prayag or quivalent as Aprooved by Engineer-In-Charge	5.00	Each			
355	Door cap 110mm	Local make as Aprooved by Engineer-In-Charge	10.00	Each			
356	Door cap 75mm	Local make as Aprooved by Engineer-In-Charge	10.00	Each			
357	Flush tank syphon set	Local make as Aprooved by Engineer-In-Charge	10.00	Each			
358	Bombay nails-2"	Local make as Aprooved by Engineer-In-Charge	3.00	Kg			
359	Bombay nails-3"	Local make as Aprooved by Engineer-In-Charge	3.00	Kg			
360	Bombay nails-4"	Local make as Aprooved by Engineer-In-Charge	5.00	Kg			
361	Flush tank push button	Local make as Aprooved by Engineer-In-Charge	25.00	Each			
362	Long body bibcock brass with CP Coated	Seico or Equivalent as Aprooved by Engineer-In-Charge	40.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
363	Angle cock brass with CP Coated	Seico or Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
364	Waste pipe	Local make as Aprooved by Engineer-In-Charge	250.00	Each			
365	Pvc connection pipe PTMT - 1ft	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
366	Pvc connection pipe PTMT - 2ft	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
367	PVC 4" waste coupling	Local make as Aprooved by Engineer-In-Charge	35.00	Each			
368	2" SS Screws	Local make as Aprooved by Engineer-In-Charge	100.00	Each			
369	PVC Waste coupling Reducer 50x40mm(threaded)	Local make as Aprooved by Engineer-In-Charge	100.00	Each			
370	PU sealent 600ml Arment seal arm	MYK or Equivalent as Aprooved by Engineer-In-Charge	15.00	Each			
371	Silicon sealent for external weather proofing	Dowsil/Fosroc or Equivalent as Aprooved by Engineer-In-Charge	30.00	Each			
372	Haksaw blade two sides	Local make as Aprooved by Engineer-In-Charge	200.00	Each			
373	SS Grating 63 mm	Local make as Aprooved by Engineer-In-Charge	10.00	Each			
374	SS Grating 75 mm	Local make as Aprooved by Engineer-In-Charge	10.00	Each			
375	SS Grating 50mm	Local make as Aprooved by Engineer-In-Charge	10.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
376	SS Grating 40 mm	Local make as Aprooved by Engineer-In-Charge	10.00	Each			
377	Ruba paste lubricant 100ml	Local make as Aprooved by Engineer-In-Charge	10.00	Each			
378	Hindware WC	Hindware (Studio -20058)	8.00	Each			
379	EWC (S1043101)	CERA or Equivalent as Aprooved by Engineer-In-Charge	2.00	Each			
380	Rag bolts set (12mm)	Local make as Aprooved by Engineer-In-Charge	3.00	Each			
381	Coupling nut 12mm for bolts	Local make as Aprooved by Engineer-In-Charge	10.00	Each			
382	Sealant Gun	Local make as Aprooved by Engineer-In-Charge	4.00	Each			
383	PU Sealant Gun	Local make as Aprooved by Engineer-In-Charge	4.00	Each			
384	Flush tank Float valve	Super flow or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
385	2 way bib cock	Velvet or Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
386	Ceramic Tap Spindle	Seico or Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
387	Pillar Cock	Seico or Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
388	SS Towel rod (2 feet leanght)	Local make as Aprooved by Engineer-In-Charge	10.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
389	SS Towel ring	Local make as Aprooved by Engineer-In-Charge	10.00	Each			
390	Seat Cover	Local make as Aprooved by Engineer-In-Charge	5.00	Each			
391	EWC Seat Cover brackets	Local make as Aprooved by Engineer-In-Charge	25.00	Each			
392	Brass 50mm Float valve 50 mm dia	Prayag or Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
393	Brass 40mm Float valve 50 mm dia	Prayag or Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
394	Brass 32mm Float valve 50 mm dia	Prayag or Equivalent as Aprooved by Engineer-In-Charge	2.00	Each			
395	Brass 25mm Float valve 50 mm dia	Prayag or Equivalent as Aprooved by Engineer-In-Charge	2.00	Each			
396	Flush tank float valve set	Local make as Aprooved by Engineer-In-Charge	20.00	Each			
397	Siphon set for flush tank	Local make as Aprooved by Engineer-In-Charge	20.00	Each			
398	Siphon set washers for flush tank	Local make as Aprooved by Engineer-In-Charge	200.00	Each			
399	WC Washer 4" size	Local make as Aprooved by Engineer-In-Charge	50.00	Each			
400	Solenoid Valave (Urinal Model No 5005A)	CERA or equivalent as approved by Engineer in charge	30.00	Nos			
401	Brass Control Vale (Urinal Model No 5005A)	CERA or equivalent as approved by Engineer in charge	10.00	Nos			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
402	SS connection pipe (Urinal Model No 5005A)	CERA or equivalent as approved by Engineer in charge	50.00	Nos			
403	32 mm rubber washers(gasket)	Local Make as approved by Engineer in charge	20.00	Nos			
404	40 mm rubber washers(gasket)	Local Make as approved by Engineer in charge	20.00	Nos			
405	50mm rubber washers(gasket)	Local Make as approved by Engineer in charge	50.00	Nos			
406	63mm Rubber washers (gasket)	Local Make as approved by Engineer in charge	100.00	Nos			
407	75mm Rubber washers (gasket)	Local Make as approved by Engineer in charge	100.00	Nos			
408	90mm Rubber washers (gasket)	Local Make as approved by Engineer in charge	80.00	Nos			
409	110 mm Rubber washers (gasket)	Local Make as approved by Engineer in charge	50.00	Nos			
410	Rubber gasket sheet- 3mm thick(3ft wide x 10ft)	Local Make as approved by Engineer in charge	5.00	Nos			
411	Rubber gasket sheet- 5mm thick(3ftx 10ft)	Local Make as approved by Engineer in charge	5.00	Nos			
412	10mmX4" MS nut bolts with double washers	Local Make as approved by Engineer in charge	40.00	Nos			
413	10mmX6" MS nut bolts with double washers	Local Make as approved by Engineer in charge	100.00	Nos			
414	12mmX4" MS nut bolts with double washers	Local Make as approved by Engineer in charge	40.00	Nos			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
415	12mmX6" MS nut bolts with double washers	Local Make as approved by Engineer in charge	40.00	Nos			
416	16mmX4" MS nut bolts with double washers	Local Make as approved by Engineer in charge	40.00	Nos			
417	16mmX6" MS nut bolts with double washers	Local Make as approved by Engineer in charge	40.00	Nos			
418	HDPE Pipe 25 mm. PN 12.5 PE100	Supreme or equivalent as approved by Engineer in charge	500.00	MTR			
419	HDPE Pipe 32mm PN6 PE100	Supreme or equivalent as approved by Engineer in charge	500.00	MTR			
420	HDPE Pipe 32mm PN6 PE63	Supreme or equivalent as approved by Engineer in charge	500.00	MTR			
421	HDPE Pipe 40mm PN6 PE100	Supreme or equivalent as approved by Engineer in charge	500.00	MTR			
422	HDPE Pipe 40mm PN6 PE80	Supreme or equivalent as approved by Engineer in charge	500.00	MTR			
423	HDPE Pipe 50mm PN6 PE100	Supreme or equivalent as approved by Engineer in charge	500.00	MTR			
424	HDPE Pipe 63mm PN6 PE100	Supreme or equivalent as approved by Engineer in charge	1000.00	MTR			
425	HDPE Pipe 75mm PN6 PE100	Supreme or equivalent as approved by Engineer in charge	700.00	MTR			
426	HDPE Pipe 90 mm PN6 PE100	Supreme or equivalent as approved by Engineer in charge	500.00	MTR			
427	HDPE Pipe 110 mm PN6 PE100	Supreme or equivalent as approved by Engineer in charge	550.00	MTR			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
428	HDPE Pipe 150 mm PN6 PE100	Supreme or equivalent as approved by Engineer in charge	500.00	MTR			
429	HDPE Pipe T 32mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
430	HDPE Pipe T 40mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
431	HDPE Pipe T 50mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
432	HDPE Pipe T 63mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			
433	HDPE Pipe T 75mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			
434	HDPE Pipe T 90 mm	Supreme or equivalent as approved by Engineer in charge	30.00	Each			
435	HDPE Pipe T 110 mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
436	HDPE Pipe L bend 32mm	Supreme or equivalent as approved by Engineer in charge	5.00	Each			
437	HDPE Pipe L bend 40mm	Supreme or equivalent as approved by Engineer in charge	5.00	Each			
438	HDPE Pipe L bend 50mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			
439	HDPE Pipe L bend 63mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			
440	HDPE Pipe L bend 75mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
441	HDPE Pipe L bend 90 mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			
442	HDPE Pipe L bend 110 mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
443	HDPE Pipe Reducer 25mm to 32mm	Supreme or equivalent as approved by Engineer in charge	5.00	Each			
444	HDPE Pipe Reducer 25mm to 40mm	Supreme or equivalent as approved by Engineer in charge	5.00	Each			
445	HDPE Pipe Reducer 32 mm to 40 mm	Supreme or equivalent as approved by Engineer in charge	30.00	Each			
446	HDPE Pipe Reducer 40mm to 50 mm	Supreme or equivalent as approved by Engineer in charge	30.00	Each			
447	HDPE Pipe Reducer 32mm to 50 mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			
448	HDPE Pipe Reducer 63mm to 40mm	Supreme or equivalent as approved by Engineer in charge	30.00	Each			
449	HDPE Pipe Reducer 63mm to 50mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			
450	HDPE Pipe Reducer 75mm to 63mm	Supreme or equivalent as approved by Engineer in charge	40.00	Each			
451	HDPE Pipe Reducer 75mm to 50mm	Supreme or equivalent as approved by Engineer in charge	40.00	Each			
452	HDPE Pipe Reducer 90mm to 75mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			
453	HDPE Pipe Reducer 90mm to 63mm	Supreme or equivalent as approved by Engineer in charge	40.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
454	HDPE Pipe Reducer 90mm to 110mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
455	HDPE Pipe Reducer 75mm to 110mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
456	HDPE Flange 32mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
457	HDPE Flange 40mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
458	HDPE Flange 50mm	Supreme or equivalent as approved by Engineer in charge	100.00	Each			
459	HDPE Flange 63mm	Supreme or equivalent as approved by Engineer in charge	120.00	Each			
460	HDPE Flange 75 mm	Supreme or equivalent as approved by Engineer in charge	120.00	Each			
461	HDPE Flange 90 mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
462	HDPE Flange 110 mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
463	MS Flange 50mm	Local Make as approved by Engineer in charge	100.00	Each			
464	MS Flange 63mm	Local Make as approved by Engineer in charge	100.00	Each			
465	MS Flange 75 mm	Local Make as approved by Engineer in charge	100.00	Each			
466	Ms Flange 90 mm	Local Make as approved by Engineer in charge	30.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
467	MS Flange 110 mm	Local Make as approved by Engineer in charge	10.00	Each			
468	MS Flanges 150 mm	Local Make as approved by Engineer in charge	6.00	Each			
469	HDPE Collars 32mm	Supreme or equivalent as approved by Engineer in charge	100.00	Each			
470	HDPE Collars 40mm	Supreme or equivalent as approved by Engineer in charge	100.00	Each			
471	HDPE Collars 50mm	Supreme or equivalent as approved by Engineer in charge	100.00	Each			
472	HDPE Collars 63 mm	Supreme or equivalent as approved by Engineer in charge	120.00	Each			
473	HDPE Collars 75mm	Supreme or equivalent as approved by Engineer in charge	120.00	Each			
474	HDPE Collars 90mm	Supreme or equivalent as approved by Engineer in charge	100.00	Each			
475	HDPE Collars 110mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			
476	HDPE endcap 25mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
477	HDPE endcap 32mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
478	HDPE endcap 40mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
479	HDPE endcap 50mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
480	HDPE endcap 63 mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
481	HDPE endcap 75mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
482	HDPE endcap 110mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
483	Butterfly valves 1 1/2" (Make; Zoloto/equivalent)	Zoloto or equivalent as approved by Engineer in charge	10.00	Each			
484	Butterfly valves 2" (Make; Zoloto/equivalent)	Zoloto or equivalent as approved by Engineer in charge	14.00	Each			
485	Butterfly valves 3" (Make; Zoloto/equivalent)	Zoloto or equivalent as approved by Engineer in charge	10.00	Each			
486	Hdpe Brass Service Saddle-50mm dia 20 mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
487	Hdpe Brass Service Saddle-50mm dia 25 mm	Supreme or equivalent as approved by Engineer in charge	10.00	Each			
488	Hdpe Brass Service Saddle-40 mm dia dia 20 mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
489	Hdpe Brass Service Saddle-40mm dia 25 mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
490	Hdpe Brass Service Saddle-63mm dia 20 mm	Supreme or equivalent as approved by Engineer in charge	20.00	Each			
491	Hdpe Brass Service Saddle-63mm dia 25 mm	Supreme or equivalent as approved by Engineer in charge	5.00	Each			
492	Hdpe Brass Service Saddle-32mm dia 20 mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
493	Hdpe Brass Service Saddle-32mm dia 25 mm	Supreme or equivalent as approved by Engineer in charge	50.00	Each			
494	CI Sluice valves 63mm	Zoloto or equivalent as approved by Engineer in charge	3.00	Each			
495	CI Sluice valves 100mm	Zoloto or equivalent as approved by Engineer in charge	2.00	Each			
496	CI Sluice valves 150mm	Zoloto or equivalent as approved by Engineer in charge	2.00	Each			
497	DI 150mm dia pipe (5.5 meter leangth)	ISI approved make	1.00	Nos			
498	DI 100mm dia pipe (5.5 meter leangth)	ISI approved make	1.00	Nos			
499	DI 150mm dia mechanical joint	ISI approved make	1.00	Sets			
500	DI 100mm dia mechanical joint	ISI approved make	1.00	Sets			
501	DI 150mm dia socket	ISI approved make	1.00	Nos			
502	DI 100mm dia socket	ISI approved make	1.00	Nos			
503	DI 150mm dia collar flange	ISI approved make	1.00	Nos			
504	DI 100mm dia collar flange	ISI approved make	1.00	Nos			
505	DI 150mm dia Tyton ring Gasket (MJ)	ISI approved make	20.00	Nos			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
506	DI 100 mm dia Tyton ring Gasket (MJ)	ISI approved make	20.00	Nos			
507	DI 150mm dia Rubber Gasket	ISI approved make	30.00	Nos			
508	DI 100 mm dia Rubber Gasket	ISI approved make	30.00	Nos			
509	150mm dia Butterfly valve	Zoloto or equivalent as approved by Engineer in charge	1.00	Nos			
510	110mm dia Butterfly valve	Zoloto or equivalent as approved by Engineer in charge	3.00	Nos			
511	63mm dia Butterfly valve	Zoloto or equivalent as approved by Engineer in charge	10.00	Nos			
512	50mm dia Butterfly valve	Zoloto or equivalent as approved by Engineer in charge	10.00	Nos			
513	Tuffpaulin 40 feet x 30 feet 200 gsm blue super heavy duty tarpaulin tirpal sheet	Local make as approved by Engineer in charge	10.00	Nos			
514	200MM Threaded CI Spun Pipe Fittings, Tee	ISI approved make	10.00	Nos			
515	150MM Threaded CI Spun Pipe Fittings, Tee	ISI approved make	10.00	Nos			
516	100MM Threaded CI Spun Pipe Fittings, Tee	ISI approved make	20.00	Nos			
517	75MM Threaded CI Spun Pipe Fittings, Tee	ISI approved make	20.00	Nos			
518	CI 150mm dia P Trap	ISI approved make	5.00	Nos			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
519	CI 100mm dia P Trap	ISI approved make	20.00	Nos			
520	Round Cast Iron Spun Pipe, 5.5 Meter, Size/Diameter: 150 mm	ISI approved make	5.00	Nos			
521	Round Cast Iron Spun Pipe, 5.5 Meter, Size/Diameter: 100 mm	ISI approved make	2.00	Nos			
522	6" dia HDPE Digital heater plate	ISI approved make	3.00	Nos			
523	Cera Urinal pod Caravan Pro of size 265 x 335 x 695 mm	CERA /Equivalent as Aprooved by Engineer-In-Charge	20.00	Each			
524	Vitreous china wall hung EWC in white color Model No. 2085 / 2385	CERA /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
525	Concealed Flushing Cistern (dual flush) (M knob, Q knob, W knob) with ABS body for EWC, flushing, noise less float valve and fast filling action, leak-proof (Model No. 2609 & MFKQ 2609)	CERA /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
526	Providing and fixing vitrous china hanging wash basin in white color of Parryware make model no C 8478 of size 906 x 505	Parryware /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
527	Providing and fixing vitrous china hanging wash basin in white color of Parryware make model no C 844D/G of Qube range 600 x 460	Parryware /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
528	Providing and fixing vitrous china hanging wash basin in white color of Parryware make model no Colorado C0479 (750 X 500)	Parryware /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
529	Vitreous China flat back urinal (in white color) of size 740 x 330 x 362 mm with built in sensor and brackets (CERA 5005A)	CERA /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			
530	White vitreous china laboratory sink Size 600 x 450 x 200mm. Hindware model no 50002	Hindware /Equivalent as Aprooved by Engineer-In-Charge	5.00	Each			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
531	15 mm dia. 3 way CP Brass Laboratory Sink Water Tap "Swan Neck" heavy duty type. Vijay make model no 891 A	Vijay /Equivalent as Aprooved by Engineer-In-Charge	10.00	Each			
532	Hindware Counter Wash basin	Hindware/equivalent make as approved by Engineer in charge	3.00	Nos			
533	Dynamically balanced siren Model SS100	Kheraj /equivalent make as approved by Engineer in charge	3.00	Nos			
534	Hindware Urinal Pod of size 280 x 345 x 690 mm Model 96008	Hindware/equivalent make as approved by Engineer in charge	2.00	Nos			
535	Hindware EWC 600 x 360 x 400 model 20047 (p-24)	Hindware/equivalent make as approved by Engineer in charge	2.00	Nos			
536	Washbasin (cera cruse S204011)	CERA/equivalent make as approved by Engineer in charge	3.00	Nos			
537	3 Inch SS Flip latch Lock	Local make as approved by Engineer in charge	250.00	Nos			
538	12 Inch SS Aldrop with SS Screw	Local make as approved by Engineer in charge	100.00	Nos			
539	150mm Dia. HDPE Collers	Local make as approved by Engineer in charge	6.00	Nos			
540	GI 150mm Dia. Threaded Flang	Local make as approved by Engineer in charge	6.00	Nos			
541	GI 150mm Dia. Plane Flang	Local make as approved by Engineer in charge	6.00	Nos			

Sl.No	Description Of Items	Make	Qty	Unit	Rate(Rs.)		Amount(Rs.)
					In Figures	In Words	
542	GI 150mm Dia. 1 Feet Nippal	Local make as approved by Engineer in charge	3.00	Nos			
	TOTAL AMOUNT IN RUPEES						

[Handwritten Signature]
08/3/2024

Asst. Executive Engineer (Civil)

[Handwritten Signature]
08/3/24
Executive Engineer (Civil)

Bidders Sign with Seal

General Terms & Conditions

1. The successful bidder shall execute the works with great promptness, care and accuracy in a workman like manner to the satisfaction of Engineer-in-charge and shall complete the same.
2. "That the Executive Engineer(Civil), IIT Hyderabad shall from time to time supply the successful bidder with materials as per the schedule hereto and the value of the materials so supplied shall be set off or deducted from any sums then due or thereafter to become due to the successful bidder, otherwise provided that Executive Engineer will not be bound to take back from the successful bidder either before or after the completion of the works, the surplus materials which were originally procured by the successful bidder or were issued to him by the IIT Hyderabad hereinafter called "the Institute" but Executive Engineer shall have the option of purchasing and of the aforesaid materials surplus to the requirements of the works at the local prevailing market rates. Provided further that in the case of materials supplied by the Department the price shall not in any case exceed that originally charged by the Department. The successful bidder shall not remove from the site of the works any of the materials supplied to him for use on the works without previous sanction obtained in writing from the Executive Engineer.
3. That if the Institute shall make to the contractor any payment on account during the execution of the works the same will be liable to be deducted from such sum or sums as may be payable to the contractor on completion of the works as aforesaid.
 - a. **The contractor shall quote the rates inclusive of all Taxes including GST(WCT).**
 - b. The Engineer-in-Charge of the work will accept or reject the work executed, according to his judgment.
 - c. This order can be cancelled and the work stopped at any time by the Engineer-in-Charge if the work, or by any Officer superior to him in authority.
 - d. The work shall be executed strictly according to the specification, as per the drawing attached and as per the direction of Engineer-in-charge.
 - e. The Contractor/Firm shall make arrangement of for passes/token from Security Officer of IITH.
 - f. All work executed shall be paid for according to measurements taken by or under the orders of the Engineer-in-Charge of the work and not according to the quantity given in any estimate.
 - g. Additional conditions & Specifications as indicated in the attached sheet shall apply.
4. That payment due to the contractor may, if so, desired by him, be made to his bank instead of direct to him, provided that the contractor furnishes to the Executive Engineer an authorization in the form of a legally valid document such as a power of attorney conferring authority on the bank to receive payment or his signature in token of receipt on the bill or (2) the account made out as being due to him by Government or his signature in token of receipt on the bill or other claim preferred against the Department before settled by the Executive Engineer of the account or claim by payment to the bank. While the receipt given by such bank shall constitute a full and sufficient discharge for the payment the contractor should, wherever possible, present his bills duly receipted and discharged through his bankers.

Nothing herein contained shall operate to create in favour of the bank any rights or equities to the Institute.
5. That no labourer below the age of eighteen years shall be employed on the Works.
6. Fair Wage Clause—(a) The contractor shall pay not less than fair wages to laboureres engaged by him on the work.

Explanation:—

- (a) "Fair wage" means wage whether for time or piece work notified at the time of inviting tenders for the work by the Government of India.
- (b) The contractor shall, notwithstanding the provisions of any contract to the contrary, cause to be paid a fair wage to labourers indirectly engaged on the work, including in which any labour engaged by his sub-contractors in connection with the said work, as if the labourers had been immediately employed by him.
- (c) In respect of all labour directly or indirectly employed in the works for the performance of the contractor's part of this agreement the contractor shall comply with or cause to be complied with the contractors' Labour Regulations made by Government from time to time in regard to payment of wages, wage period, deductions from wages, recovery of wages not paid and deductions unauthorisedly made, maintenance of wage register, wage cards publication of scale of wages and other terms of employment, inspection and submission of periodical returns and all other matters of a like nature.
- (d) The Executive Engineer shall have the right to deduct from the moneys due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the contract for the benefit of the workers, non-payment of wages or of deductions made from his or their wages, which are not justified by that terms of the contract or non-observance of the Regulations.

- (e) Vis-a-vis the Central Government, the contractor shall be primarily liable for all payments to be made under and for the observance of the Regulations aforesaid without prejudice to his right to claim indemnity from his sub-contractors.
- (f) The regulations aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract.

6A. In respect of all labour directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractor shall at his own expense arrange for the safety provisions as per safety code framed from time to time and shall at his own expense provided for all facilities in connection therewith. In case the contractor fails to make arrangements and provide necessary facilities as aforesaid he shall be liable to pay a penalty of Rs.200 for each default and in addition to the Engineer-in-Charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the cost incurred in that behalf from the contractor.

SAFETY CODE—(i) Suitable scaffolds should be provided for workmen for all works that cannot safely be done from the ground, or from solid construction except such short period work as can be done safely from ladders. When a ladder is used an extra mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well, suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to 1 (1/4 horizontal 1 vertical).

- (ii) Scaffolding or staging more than 3.6 m (12') above the ground or floor swing or suspended from an overhead support exacted with stationary support shall have guard rail properly attached, bolted braced and otherwise secured at least 90 cm. (3 feet) high above the floor or platform of such scaffolding on staging and extending along the entire length of the outside and ends thereof with only such openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.
- (iii) Working platforms, gangways, and stairways should be so constructed that they should not sag unduly or unequally, and if the height of the platform of the gangway or the stairway is more than 3.6 m. (12 feet) above ground level or floor level, they should be closely boarded, should have adequate width and should be suitably fenced, as described in (ii) above.
- (iv) Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 90 cm.
- (v) Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9m (30 feet) in length while the width between side rails in rung ladder shall in no case be less than 29 cm. (11-1/2") for ladder up to and including 3 m. (10feet) at least and 6mm. (1/4") for each additional foot of length. Uniform step spacing shall not exceed 3.1 m. (12 feet). Adequate precautions shall be taken to prevent danger from electrical equipment. No material on any of the sites of work shall be so stacked or placed as to cause danger or inconvenience to any person or the public.

The contractor shall also provide all necessary fencing and lights to protect the public from accident and shall be bound to bear the expenses of defence of every suit, action or other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damage and costs which may be awarded in any such suit, action or proceedings to any such person, or which may with the consent of contractor be paid to compromise any claim by any such person.

- (vi) Excavation and Trenching — All trenches, 1.2 m (4 feet) or more in depth, shall at all times be supplied with at least one ladder for each 30 m. (100 feet) in length or fraction thereof. Ladder shall be extended from bottom of the trench to at least 90 cm (3 feet) above the surface of the ground. The sides of trenches which are 1.5 cm (5 feet) more in depth shall be stopped back to give suitable slope, or securely held by timber bracing so as to avoid the danger of side from collapse. The excavated materials shall not be placed within 1.5 m (5 feet) of the edge of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or undercutting shall be done.
- (vii) Demolition — Before any demolition work is commenced and also during the process of the work:—
 - (a) All roads and open areas adjacent to the work site shall either be closed or suitably protected.
 - (b) No electric cable apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged.
 - (c) All practical steps shall be taken to prevent danger to persons employed from risk of fire or explosion or flooding. No floor, roof, or other part of the building shall be so overloaded with debris or material as to render it unsafe.
- (viii) All necessary personal safely equipment as considered adequate by the Engineer-in-charge should be kept available for the use of the persons employed on the site and maintained in a condition suitable for immediate use, and the contractor should take adequate steps to ensure proper use of equipment by those concerned.

- (a) Workers employed on mixing asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
- (b) Those engaged in white-washing and mixing or stacking of cement bags or any materials which is injurious to the eyes shall be provided protective goggles.
- (c) Those engaged in welding works shall be provided with Welders' protective eye-shields.
- (d) Stone breakers shall be provided with protective goggles and protective clothing, and seated at sufficient safe intervals.
- (e) When workers are employed in sewers and manholes, which are in use, the contractor shall ensure that the manhole covers are opened and are ventilated at least for an hour before the workers are allowed to get into the manholes and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals or boards to prevent accident to the public.
- (f) The contractor shall not employ men below the age of 18 and women on the work of painting with products containing lead in any form. Whenever men above the age of 18 are employed on the work of lead painting the following precautions should be taken:—
 - i. No paint containing lead or lead product shall be used except in the form of paste or readymade paint.
 - ii. Suitable face masks should be supplied for use by the workers when paint is applied in the form of spray or surface having lead paint dry rubbed and scrapped.
 - iii. Overall shall be supplied by the contractors to the workmen and adequate facilities shall be provided to enable the working painters to wash during recess and recession of work.
- (ix) When the work is done near and place where is risk of drawing all necessary equipment's should be provided and kept ready for use and all necessary steps taken for prompt rescue of any persons in danger and adequate provision should be made for prompt first-aid treatment of all injuries likely to be sustained during the course or the work.
- (x) Use of hoisting machines and tackle including their attachments, anchorage and supports shall conform to the following standard or conditions:—
 - 1. (a) These shall be of good mechanical constructions, sound material and adequate strength and free from patent defect and shall be kept in good repair and in good working order.
 - (b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength and free from patent defects.
 - 2. Every crane driver hoisting appliance operator shall be properly qualified and no person under an age of 21 years should be in-charge of any hoisting machine including any scaffold window or give signals to the operator.
 - 3. In case of every hoisting machine and of every chain ring hook, shackle, swivel and pully block used in hoisting or lowering or as means of suspension, the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load shall be ascertained by adequate means. Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load in case of a hoisting machine having a variable safe working load each safe working load of the conditions under which it is applicable shall be clearly indicated. No part of any machine or of any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.
 - 4. In case of departmental machines, the safe working load shall be notified by the Electrical Engineer-in-Charge. As regards contractors' machines, the contractor shall notify the safe working load of the machine to the Engineer-in-Charge, whenever he brings any machinery to site of work and get it verified by the Electrical Engineer concerned.
- (xi) Motors, Gearing transmission, Electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards, hoisting appliances should be provided with such means as will reduce to the minimum the risk of accidental descent of the load, adequate precautions should be taken to reduce to the minimum the risk of any part of a suspended load becoming accidentally displaced. When workers employed on electrical installations which are already energized, insulating mats, wearing apparel, such as gloves, sleeves and boots as may be necessary should be provided. The workers should not wear any rings, watches and carry keys or other materials which are good conductors of electricity.
- (xii) All scaffolds, ladders and other safety devices mentioned or described herein shall be maintained in safe condition and no scaffold, ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities shall be provided at or near places of work.
- (xiii) These safety provisions should be brought to the notice of all concerned by display on a Notice Board at a prominent place at the workshop. The persons responsible for compliance of the safety code shall be named therein by the contractor.
- (xiv) To ensure effective enforcement of the rules and regulations relating to safety precautions, the arrangement made by the contractor shall be open to inspection by the Labour Officer, Engineer-in-Charge of the department or their representative.

- (xv) Notwithstanding the above clauses from (i) to (xiv) there is nothing in these to exempt the contractor from the operations of any other Act or rule in force in the Republic of India.
- 6B. The contractor shall submit by the 4th and 19th of every month, to the Engineer-in-Charge a true statement showing in respect of the second half of the preceding month and the first half of the current month respectively:—
- (1) the number of labourers employed by him on the work (2) their working hours, (3) the wages paid to them and (4) the accidents that occurred during the said fortnight showing the circumstances under which they happened and the extent of damages and injury caused by them failing which the contractor shall be liable to pay to Government a sum not exceeding Rs.200/- for each default or materially incorrect statement. The decision of the Executive Engineer shall be final in deducting from bill due to the contractor the amount levied as fine.
- 6C. In respect of all labour directly or indirectly employed in the works for the performance to the contractors part of this agreement, the contractor shall comply with or cause to be complied with all the rules framed by Government from time to time for the protection of health and sanitary arrangements for workers employed by the IIT Hyderabad and its contractors.
- 6D. Maternity Benefit Rules for female workers employed by contractor.—Leave and pay during leave shall be regulated as follows —
- (i) Leave (i) in case of delivery:—Maternity leave not exceeding 8 weeks, 4 weeks up to and including the day of delivery and 4 weeks following that day.
- (ii) In case of miscarriage:—Up to 3 weeks from the date of miscarriage.
2. Pay (i) In case of delivery:—Leave pay during maternity leave will be at the rate of the women's average daily earnings calculated on the total wages earned on the days when full time work was done during a period of three months immediately preceding the date on which she gives notice that she expects to be confined or at the rate of one rupee per day whichever is greater.
- (ii) In case of miscarriage:—Leave pay at the rate of average daily earnings calculated on the total wages earned on the days when full time work was done during a period of 3 months immediately preceding the date of such miscarriage.
3. Conditions for the grant of maternity leave:— No maternity leave benefit shall be admissible to a workman unless she has been employed for a total period not less than 6 months immediately preceding the date on which she proceeds on leave.
- 6E. In the event of the contractor(s), committing a default or breach of any of the provisions of the Contractor's Labour Regulations and Model Rules for the Protection of health and sanitary arrangements for the workers as amended from time to time or furnishing any information or submitting or filling any statement under the provisions of the above Regulations and Rules which is materially incorrect, he/they shall without prejudice to any other liability, pay to the Government a sum not exceeding Rs.200/- for every default, breach, or furnishing, making, submitting, filling such materially incorrect statements and in the event of the contractor(s) defaulting continuously in this respect the penalty may be enhanced to Rs.200/- per day for each day of default subject to a maximum of 5 percent of the estimated cost of the work put to tender. The decision of the Engineer-in-Charge shall be final and binding on the parties.
- 6F. The contractor(s) shall at his/their own cost provide his/their labour with a sufficient number of huts (hereinafter referred to as the Camp) of the following specifications on a suitable plot of land to be approved by the engineer-in-Charge:—
1. (a) The minimum height of each hut at the even level shall be 2.1 m. (7) and the floor to be provided will be at the rate of 2.7 sq.m. (30 sq. ft.) for each member of the worker's family staying with the labourers.
- (b) The contractor(s) shall in addition construct suitable cooking places having a minimum area of 1.8m X 1.5 (6 feet X 5 feet) adjacent to the hut for each family.
- (c) The contractor(s) shall also construct temporary latrines and urinals for the use of the labourers each on the scale of not less than four per each one hundred or the total strength, separate latrines and urinals being provided for women.
- (d) The contractor(s) shall construct sufficient number of bathing and washing places, one unit for every 25 persons residing in the camp. These bathing and washing places shall be suitably screened.
2. (a) All the huts shall have walls of sun-dried or burnt bricks laid in mud mortar or other suitable local materials as may be approved by the Engineer-in-Charge. In case of sun-dried bricks, the walls should be plastered with mud gobri on both sides. The floors may be katcha but plaster with mud gobri and shall be at least 15 cm. (6 inch) above the surrounding ground. The roofs shall be laid with thatched or any other materials as may be approved by the Engineer-in-Charge and the contractor shall ensure that throughout the period of their occupation the roofs remain water-tight.

- (b) The Contractor(s) shall provide each hut proper ventilation.
- (c) All doors, windows and ventilators shall be provided with suitable leaves for security purposes.
- (d) There shall be kept an open space of at least 7.2 m (8 yards) between the rows of huts which may be reduced to 6m. (20 feet) according to the availability of sites with approval of the Engineer-in-Charge, back to back construction will be allowed.
3. Water Supply:— The contractor(s) shall provide adequate supply of water for the use of labourers. The provisions shall not be less than 2 gallons of pure and wholesome water per head per day for drinking purposes and 3 gallons of clean water per head per day for bathing and washing purposes. Where piped water supply is available, supply shall be at stand posts and where the supply is from wells or river tanks which may be of metal or masonry, shall be provided. The contractor(s) shall also at his/their own cost make arrangements for laying pipe lines for water supply to his/their labour camp from the existing mains wherever available, and shall pay all fees and charges therefor.
4. The site selected for the camp shall be high ground, removed from jungle.
5. Disposal of Excreta:— The contractor(s) shall make necessary arrangements for the disposal of excreta from the latrines by trenching or incineration which shall be according to the requirements laid down by the Local Health Authorities. If trenching or incineration is not allowed, the contractor(s) shall make arrangements for the removal of the excreta through the municipal committee/authority and inform it about the number of labourers employed so that arrangements may be made of such Committee/authority for the removal of the excreta. All charges on this account shall be borne by the contractor and paid direct by him to the municipality/authority. The contractor shall provide one sweeper for every 8 seats in case of dry system.
6. Drainage—The contractor(s) shall provide efficient arrangements for draining away sullage water so as to keep the camp neat and tidy.
7. The contractor(s) shall make necessary arrangements for keeping the camp area sufficiently lighted to avoid accidents to the workers.
8. Sanitation:— The contractor(s) shall make arrangements for conservancy and sanitation in the labour camps according to the rules of the Local Public Health and Medical Authorities.
7. That if the contractor or his servants/labourers break or deface, any building, road fence, enclosure, or cause damage to any grass or cultivated land, or water pipes, cables, drains, electric or telephone posts or wires, roads, road curbs, trees, he shall restore or make good the same at his own expense, and in the event of his refusing or failing to do so, the damage, so caused, shall be repaired at his expense by the Executive Engineer, who shall deduct the cost thereof from any sums due, or which may become due to the contractor.
8. That if that Executive Engineer shall at any time during the progress of the works be dissatisfied with the rate of progress or the quality of the materials that have been used or of the workmanship, the Executive Engineer may put an end to this agreement on twenty-four hours' notice and in the case of bad workmanship or defective material may remove the same and have it replaced deducting the cost of such removal or replacement from amount due or that may become due to the contractor.
9. That if the contractor fails to complete as aforesaid the works by the time fixed in the agreement for completion the Director, IIT Hyderabad will be entitled to deduct as compensation from the sum found to be payable under this agreement or the balance of the sum then unpaid to the contractor a sum of Rs.100/ more for every day that shall lapse between the day fixed for completion and the actual completion provided that the compensation so payable shall not exceed ten percent if the cost of the works calculated on the basis of Schedule of the agreement.
- 9A. That in every case in which by virtue of the provisions of Section 12, Sub-Section (1) of the Workmen's Compensation Act, 1923. Government is obliged to pay compensation to a workman employed by the contractor, in execution of the works, Government will recover from the contractor the amount of the compensation so paid and without prejudice to the rights of Government under Section 12, Sub-section (2) of the said Act, Government shall be at liberty to recover such amount or any part thereof by deducting it from the security deposit or from any sum due by Government to the contractor whether under this contract or otherwise.
- Government shall not be bound to contest any claim made against under Section 12, Sub-Section (1) of the said Act, except on the written request of the contractor and upon his giving to Government full security for all cost for which Government might become liable in consequence of contesting such claim.
10. Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, designs, drawings and instructions hereinbefore mentioned and so as to quality of workmanship, or materials used on the work or as to any other question, claim right, matter or thing

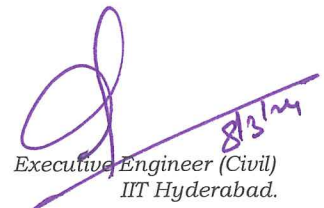
whatsoever in any way arising out of, or relating to the contract designs, drawings, specifications, estimate, instructions, orders or these conditions or otherwise concerning the work, or the execution or failure to execute the same whether arising during the progress of the work or after completion or abandonment thereof shall be referred to the sole arbitration by the Dean(Plan), IIT Hyderabad, and if the Dean(Plan), IIT, Hyderabad is unable or unwilling to act, to the role of an arbitrator or some other persons appointed by the Director, willing to act as such arbitrator. It will be no objection to any such appointment that the arbitrator so appointed is as Government servant, that he had to deal with the matters to which this tender relates and that in the course of his duties as such/Government servant he had expressed views on all or any of the matters in dispute or difference. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this contract.

11. (1) Whenever any claim, against the contractor for the payment of a sum or money arises out of or under the contract. Government shall be entitled to recover such sum by appropriating in part or whole, the security deposit of the contractor. Forming the whole or part of such security. In the event of security being insufficient or if no security has been taken from the contractor then the balance or the total sum recoverable, as the case may be, shall be deducted from any sum then due or which at any time thereafter may become due from the contractor under this or any other contract with Government should this sum be not sufficient to cover the full amount recoverable the contractor shall pay to Government on demand the balance remaining due.

(2) Government shall have the right to cause an audit and technical examination of the works and the final bill of the contractor including all supporting vouchers, abstracts etc., to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed by him or have been done by him under the contract and found not to have been executed the contract shall be liable to refund the amount of the over payment and it shall be lawful for Government to recover the same from him in the manner prescribed in sub-clause (1) of this clause or in any other manner legally permissible and if as a result of audit and technical examination it is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, the amount of such under payment shall be duly paid by Government to the contractor:

PROVIDED that Government shall not be entitled to recover any sum overpaid nor the contractor shall be entitled to payment of any sum paid short where such payment has been agreed upon between the Engineer-in-Charge on the hand and the contractor on the other under any term of the contract permitting payment for work after assessment by the Engineer-in-Charge.

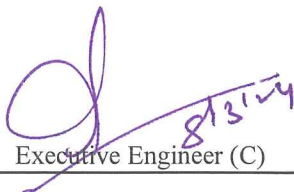
Signature of Bidder


Executive Engineer (Civil)
IIT Hyderabad.

ADDITIONAL CONDITIONS AND SPECIFICATIONS

1	The Civil works shall be carried out as per the instructions of the Engineer -in- Charge and strictly in accordance with the CPWD general specification for civil works as ammended upto date.
2	Completion certificate shall be submitted as required under CPWD specification.
3	The contractor shall have to obtain prior approval from Engineer -in -charge before placing the order for any specific materials. The Engineer -in -Charge may approve any of the makes /Brands out of the preferred list. All the materials to be used in the work shall be got approved by the Engineer -in- charge prior to their actual in the work.
4	Bad workmanship is liable to be rejected in toto.
5	All repairs and patch works shall be neatly carried out to match with the original finish by the contractor to the entire satisfaction of the Engineer-in-charge.
6	All the debris due to the Installation work shall be cleared every now and then and site shall be kept clean by the contractor at all times.
7	The contractor or his authorized representative will have to sign the site order book and comply with the remarks therein every now and then.
8	The contractor has to make his own arrangements for the watch and ward of the materials and other installations till the installation / work is completely handed over to the department. No extra claim will be entertained on account of this. Any damage to the materials during or under storage will be to the contractors account.
9	The Materials used shall be got approved from the Engineer -in -charge. To the maximum possible extent joints through connector shall be avoided.
10	The material to be used in the work shall be procured only from authorised source / dealers /distributors and documentary evidence to this effect shall be submitted as and when desired to the Engineer -in-Charge or his representative failing which the Engineer -in -charge reserves the right to reject the materials in toto.
11	The quantites given in schedule of work for all the items are tenative. The work shall be carried as per actual requirement as approved by the Engineer -in - Charge.
12	Makes of materials to be approved by Engineer Incharge.
13	No T&P / special T&P will be issued by the department and contractor has to arrange these at his own cost. Nothing shall be paid extra on this account.
14	Taxes : The contractor shall quote the rates inclusive of all Taxes including GST(WCT).
15	No quantity deviation is permitted without written approval of the competent authority. Permissible deviation shall be sanctioned by the competent authority as per the agreement. Deviation beyond permissible limits shall be sanctioned by the competent authority as per the prevailing Local Market Rates only and the decisions of the department is final and binding on the contractor.
16	The contractor shall follow the safety rules, regulations and precautions, measures at site while execution of work.
17	The Engineer incharge of the work will accept or reject the work executed, according to his judgement.
18	Bidder has to supply the complete material within 07 days of issue of the supply order.if the bidder is unable to supply few materials within the stipulated timelines due to lead time then the bidder has to submit the DD or BG for the equivalent amount of balance material to be supplied so that the bidder will be paid full amount and upon receipt of the balance material and certified by the Engineer in Charge then the DD or BG submitted the bidder will be returned.

(Contractor)


 Executive Engineer (C)