

Structures and Building and Construction and Manufacturing Components and Supplies >>  
Plumbing fixtures >> sanitary ware >> FRP Urinal Cabin

**Specifications:**

Name	Type	Restrictions	Unit	Properties
<b>Group: GENERIC</b>				
1. Cofiguration	Enumerable	Urinals without washbasin, Urinals with inside washbasin, Urinals with outside washbasin	N/A	Mandatory,Filter,Golden
2. Design & Function of the urinal	Enumerable	Corner urinal - designed to fit in the corner of wall., Flat back urinal - designed to fix in the wall with a screw i.e low in weight and small in shape., Half stall urinal - supported by flange., Full stall urinal - supported by floor., Sensor urinal - Automatic water flushing urinal., Squatting urinal for women mounted on floor	N/A	Mandatory,Filter,Golden
3. Mode of Supply	Enumerable	Assembled Ready To Use, Knocked Down To Be Assembled At Consignee Site By The Seller, Knocked Down To Be Assembled At Consignee Site By Consignee Himself	N/A	Mandatory,Filter,Golden
4. Number of urinal Cabins	Enumerable	1 no., 2 nos., 3 nos., 4 nos., 5 nos.	N/A	Mandatory,Filter,Golden
5. Number of Urinals	Enumerable	1 no., 2 nos., 3 nos., 4 nos., 5 nos.	N/A	Mandatory,Filter,Golden
6. Water facility	Enumerable	By mean of overhead tank(Capacity 200Ltrs), By mean of overhead tank(Capacity 300Ltrs), By mean of overhead tank(Capacity 500Ltrs), Direct connection from external supply	N/A	Mandatory,Filter,Golden
7. Sewage facility	Enumerable	Sludge tank(Capacity 200 Ltrs) with 75mm outlet facility through butterfly valve and hosepipe(for 1-seater and 2-seater), Sludge tank(Capacity 400 Ltrs) with 75mm outlet facility through butterfly valve and hosepipe(for 2-seater and 3-seater), Sludge tank(Capacity 500 Ltrs) with 75mm outlet facility through butterfly valve and hosepipe(for 3-seater), No sludge tank / directly connected to septic tank	N/A	Mandatory,Filter,Golden
8. Ventilation	Enumerable	One No., Two No., Full size ventilation above door plus half size ventilation on other side for cross ventilation, All 4 - sides, No ventilation, Exhaust fan facility	N/A	Mandatory,Filter,Golden
9. Lifting hook	Enumerable	One number heavy lifting hook provided, Two number heavy lifting hook provided, Four number heavy lifting hook provided, No lifting hook	N/A	Mandatory,Filter,Golden
10. Roof shape	Enumerable	Flat, In one way slope, In two way slope, Dome type	N/A	Mandatory,Filter
11. Projection of Roof	Enumerable	50mm projection on all the four sides, 100mm projection from front and 50mm projection on other sides, 50mm projection from front and 25mm projection on other sides, No projection	N/A	Mandatory,Filter,Golden

<b>Name</b>	<b>Type</b>	<b>Restrictions</b>	<b>Unit</b>	<b>Properties</b>
12. Installation and commissioning	Enumerable	To be done by seller, To be done by Consignee himself	N/A	Mandatory,Filter,Golden
13. Plumbing and Sanitary fitting connection	Enumerable	To be done by seller, To be done by Consignee himself	N/A	Mandatory,Filter,Golden
14. Electrical connection	Enumerable	To be done by seller, To be done by Consignee himself	N/A	Mandatory,Filter,Golden
15. Waste extraction fittings	Enumerable	To be done by seller, To be done by Consignee himself	N/A	Mandatory,Filter,Golden
16. Civil foundation	Enumerable	No foundation required, Required - To be done by seller, Required - To be done by consignee himself	N/A	Mandatory,Filter,Golden
17. Transpotations / Freight charges	Enumerable	Offer Prices are on Free Delivery at Consignee site basis.	N/A	Mandatory
18. Shape of cabin	Enumerable	Square, Rectangular	N/A	Mandatory,Filter
19. Materials used to produce urinals for Men's	Enumerable	Ceramic, Steel, FRP	N/A	Mandatory,Filter,Golden
20. Materials used to produce urinals for Women's	Enumerable	Ceramic, Steel, FRP, FRP integrated with floor	N/A	Mandatory,Filter,Golden
21. Number of cabins having urinals without washbasin	Enumerable	1 no., 2 no., 3 no., 4 no., 5 no., N.A	N/A	Mandatory,Filter,Golden
22. Number of urinal cabins having one number inside washbasin	Enumerable	1 no., 2 no., 3 no., 4 no., 5 no., N.A	N/A	Mandatory,Filter,Golden
23. Number of urinal cabins having two numbers inside washbasin	Enumerable	1 no., 2 no., 3 no., 4 no., 5 no., N.A	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
24. Number of urinal cabins having one number outside washbasin	Enumerable	1 no., 2 no., 3 no., 4 no., 5 no., N.A	N/A	Mandatory,Filter,Golden
25. Number of urinal cabins having two numbers outside washbasin	Enumerable	1 no., 2 no., 3 no., 4 no., 5 no., N.A	N/A	Mandatory,Filter,Golden
26. Water spreader facility	Enumerable	Available, Not available	N/A	Mandatory,Filter,Golden
27. Partition for Gent's urinal	Enumerable	Yes, No	N/A	Mandatory,Filter,Golden
28. Type of mounting	Enumerable	Floor mount - Supported and fixed in floor., Wall mount - Fixed in a wall	N/A	Mandatory,Filter,Golden
29. Unit type	Enumerable	Portable, Fixed	N/A	Mandatory,Filter,Golden
<b>Group: FRAME MATERIAL</b>				
1. Bottom frame material	Enumerable	35mm X 35mm X 5mm(thick) MS angle for 1 no. urinal, 75mm X 37.5mm C-channel MS(for 2 nos. urinal & 3 nos. urinal), 35mm X 35mm X 5mm(thick) SS angle for 1 no. urinal, 75mm X 37.5mm C-channel SS(for 2 nos. urinal & 3 nos. urinal), 25mm X 25mm X 16 gauge MS Sq. pipe and MS angle, No bottom frame structure	N/A	Mandatory,Filter,Golden
2. Bottom frame support material	Enumerable	25mm X 25mm X 3mm(thick) MS angle (for 1 no. urinal, 2 nos. urinal & 3 nos. urinal), 25mm X 25mm X 3mm(thick) SS angle, No support structure	N/A	Mandatory,Filter,Golden
3. Side panel frame material	Enumerable	35mm X 35mm X 5mm(thick) MS angle, 35mm X 35mm X 5mm(thick) SS angle, 25 mm x 25 mm x 2 mm (thick) MS pipe as per IS 4923 / latest, 38 mm x 38 mm x 2 mm (thick) MS pipe as per IS 4923 / latest, No side frame structure	N/A	Mandatory,Filter,Golden
4. Top(roof) frame material	Enumerable	35mm X 35mm X 5mm(thick) MS angle, 35mm X 35mm X 5mm(thick) SS angle, 25 mm x 25 mm x 2 mm (thick) MS pipe as per IS 4923 / latest, 38 mm x 38 mm x 2 mm (thick) MS pipe as per IS 4923 / latest, No roof frame structure	N/A	Mandatory,Filter,Golden
5. Top(roof) support frame structure	Enumerable	25mm X 25mm X 3mm(thick) MS angle, 25mm X 25mm X 3mm(thick) SS angle, 25 mm x 25 mm x 2 mm (thick) MS pipe as per IS 4923 / latest, 38 mm x 38 mm x 2 mm (thick) MS pipe as per IS 4923 / latest, No support structure	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
6. Partition frame material	Enumerable	35mm X 35mm X 5mm(thick) MS angle, 35mm X 35mm X 5mm(thick) SS angle, 25 mm x 25 mm x 2 mm (thick) MS pipe as per IS 4923 / latest, 38 mm x 38 mm x 2 mm (thick) MS pipe as per IS 4923 / latest, No partition frame structure	N/A	Mandatory,Filter,Golden
7. Ventilation frame material	Enumerable	25mm X 25mm X 3mm(thick) flat MS, 25mm X 25mm X 3mm(thick) flat SS, 25 mm x 25 mm x 2 mm (thick) MS Flat, No ventilation frame material	N/A	Mandatory,Filter,Golden
8. Door frame material	Enumerable	50mm X 25mm of 14-16gauge rectangular MS hollow pipe, 50mm X 25mm of 14-16gauge rectangular SS hollow pipe, 35 mm x 35 mm x 5 mm (thick) MS ANGLE, No door frame material	N/A	Mandatory,Filter,Golden
9. Support material for Door panel fixing	Enumerable	Aluminium U-channel of 18gauge, SS U-channel of 18gauge, No support material	N/A	Mandatory,Filter,Golden
10. Door hinges(two numbers)	Enumerable	75mm size with 1.2-1.5mm thickness MS, 75mm size with 0.6-0.8mm thickness SS, 75mm size with 1.2-1.5mm thickness Chrome plated	N/A	Mandatory,Filter,Golden
11. Tank holder frame material hint: Ring with supports from 4-corners	Enumerable	25mm X 3mm(thick) MS flat, 25mm X 3mm(thick) SS flat, 1125mm X 820mm outer ring(tubular structure)-MS, No Support	N/A	Mandatory,Filter,Golden
12. Unit understructure	Enumerable	Supported by 4-legs of size 35mm X 35mm X 5mm MS angle with corner support of 25mm x 25mm X 3mm MS angle for 1 no. urinal, Supported by 4-legs of size 35mm X 35mm X 5mm SS angle with corner support of 25mm x 25mm X 3mm SS angle for 1 no. urinal, Supported by 4-legs of size 75mm X 37mm C-channel MS angle, Supported by 4-legs of size 75mm X 37mm C-channel SS angle, Pedestal base having 890mm X 1065mm X 300mm(height) FRP molded, Supported by 4-legs of size 25 mm x 25 mm x 2 mm (thick) MS pipe with corner support of 25 mm x 25 mm x 2 mm MS pipe as per IS 4923 / latest for 1 no. urinal, Supported by 4-legs of size 25 mm x 25 mm x 2 mm (thick) MS pipe with central support of 38 mm x 38 mm x 2 mm MS pipe as per IS 4923 / latest for 2 nos. urinal, Without understructure	N/A	Mandatory,Filter,Golden
13. Stairs frame material	Enumerable	25mm x 25mm X 3mm MS angle, 25mm x 25mm X 3mm SS angle, No stairs	N/A	Mandatory,Filter,Golden
14. Stairs material	Enumerable	25mm X 3mm MS flat, 25mm X 3mm SS flat, No stair material	N/A	Mandatory,Filter,Golden
15. Door Tee material	Enumerable	40mm X 40mm x40mm X 5mm(thick) MS Tee, 40mm X 40mm x40mm X 5mm(thick) SS Tee, No door Tee material	N/A	Mandatory,Filter,Golden
<b>Group: PANEL MATERIAL</b>				
1. Side panel material	Enumerable	5mm thick ply core sandwich with 1mm thick FRP from both sides(5+1+1mm), Single layer 3mm thick FRP	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
2. Top(Roof) panel material	Enumerable	5mm thick ply core sandwich with 1mm thick FRP from both sides(5+1+1mm), Single layer 3mm thick FRP, 4mm poly carbonate sheet fitted on top	N/A	Mandatory,Filter,Golden
3. Door panel material	Enumerable	5mm thick ply core sandwich with 1mm thick FRP from both sides(5+1+1mm), Single layer 3mm thick FRP	N/A	Mandatory,Filter,Golden
4. Partition panel material	Enumerable	5mm thick ply core sandwich with 1mm thick FRP from both sides(5+1+1mm), Single layer 3mm thick FRP, Baked enamel, Plastic laminate, Solid phenolic, Solid plastic, Stainless steel, No partition	N/A	Mandatory,Filter,Golden
5. Floor material	Enumerable	5mm thick FRP material, 2-3mm thick SS material, Fitted with plastic light weight LLDPE roto molded, Anti skid tile finish floor inside toilet, The double wall constructed ready-made base shall be made out with Plastics material by roto-molded process - PUF to be filled in cavity between two walls for extra load bearing - single piece molded with required outlets - special handle to be provided on two side of toilet block for easily shifting the whole Block, 1.6 mm thick SS 304, 2 mm thick SS 304	N/A	Mandatory,Filter,Golden
<b>Group: DIMENSION</b>				
1. Cabin size for Gent's urinal (LXWXH) ± 25mm	Enumerable	840 mm X 890 mm X 1980 mm (for 1 no. urinal), 1700 mm X 1220 mm X 1980 mm (for 2 nos. urinal), 2055 mm X 1220 mm X 1980 mm (for 3 nos. urinal), 2745 mm X 1220 mm X 1980 mm (for 4 nos. urinal), 3430 mm X 1220 mm X 1980 mm (for 5 nos. urinal), No urinals for Gents	N/A	Mandatory,Filter,Golden
2. Door size(WxH) ± 20mm	Enumerable	585 mm x 1830 mm, 655 mm X 1790 mm (Steel sheet thickness - 0.6mm 275MPA)	N/A	Mandatory,Filter,Golden
3. Ventilation size (WXH) ± 10mm	Enumerable	838 mm X 150 mm(above door) plus 838mm X 75mm(opposite side), 650 mm X 40 mm, No ventilation	N/A	Mandatory,Filter,Golden
4. Partition height for cabin ± 20mm	Enumerable	1830 mm, No partition	N/A	Mandatory,Filter,Golden
5. Gent's urinal pot size ± 10mm	Enumerable	700 mm, 750 mm, 900 mm	N/A	Mandatory,Filter,Golden
6. Stairs size ± 10mm	Enumerable	610mm X 230mm having 1-step, 610mm X 230mm having 2-step, 610mm X 230mm having 3-step, No stairs	N/A	Mandatory,Filter,Golden
7. Leg height ±10mm	Enumerable	455 mm, No legs	N/A	Mandatory,Filter,Golden
8. Partition size for Gent's urinal	Enumerable	455 mm X 762 mm X 7 mm, N.A	N/A	Mandatory,Filter,Golden

Name	Type	Restrictions	Unit	Properties
9. Cabin size for Ladies urinal (LXWXH) ± 25mm	Enumerable	840 mm X 890 mm X 1980 mm(for 1 no. urinal), 1700 mm X 890 mm X 1980 mm (for 2 nos. urinal), 2520 mm X 890 mm X 1980 mm (for 3 nos. urinal), 3360 mm X 890 mm X 1980 mm (for 4 nos. urinal), 4200 mm X 890 mm X 1980 mm (for 5 nos. urinal), No urinal for ladies	N/A	Mandatory,Filter,Golden
<b>Group: MISC</b>				
1. Door locking bolts hint: From outside	Enumerable	Size 100 mm of MS, Size 100 mm SS	N/A	Mandatory,Filter,Golden
2. Towerbolt locking hint: From inside	Enumerable	Towerbolt of MS size 75mm, Towerbolt of SS size 75mm, Towerbolt of Aluminium size 75mm	N/A	Mandatory,Filter,Golden
3. Overhead tank material	Enumerable	made of double layer HDPE sheet, made of three layer HDPE sheet, Made of PVC, No tank, Loft type single layer HDPE	N/A	Mandatory,Filter,Golden
4. Wash basin material	Enumerable	Made of FRP (fiber reinforced plastic), Made of Ceramic, Made of SS 304, No wash basin	N/A	Mandatory,Filter,Golden
5. Dia of lifting hook	Enumerable	20 mm, 25 mm, 30 mm, 40 mm, NO lifting hook	N/A	Mandatory,Filter,Golden
6. Electric provision	Enumerable	By mean solar energy, BY mean of battery, By mean of connection from main line, No electric provision	N/A	Mandatory,Filter,Golden
7. Sewage provision	Enumerable	Provided, Not provided	N/A	Mandatory,Filter,Golden
8. Level indicator provision	Enumerable	To be provided in every sewer / sludge tank to know the level of sludge and plan to get it evacuated, N.A	N/A	Mandatory,Filter,Golden
9. Water supply connection	Enumerable	UPVC pipe connection with all toilet interconnecting	N/A	Mandatory,Filter
10. Soap stand hint: One with each wash basin	Enumerable	Plastic made, SS 304 made, Aluminium made, No soap stand	N/A	Mandatory,Filter,Golden
11. Tap	Enumerable	HDPE push cock, PVC push cock, Chrome plated, PTMT tap, No tap	N/A	Mandatory,Filter,Golden
<b>Group: COLOUR &amp; FINISH</b>				
1. Colour of cabin	Enumerable	As per buyer's choice	N/A	Mandatory
<b>Group: CERTIFICATION</b>				

Name	Type	Restrictions	Unit	Properties
1. Test reports to be furnished to buyer's on demand	Enumerable	YES, NO	N/A	Mandatory,Filter,Golden
2. OEM of offered product is ISO 9001:2015 certified	Enumerable	YES, NO	N/A	Mandatory,Filter,Golden
<b>Group: WARRANTY</b>				
1. Warranty period	Enumerable	1 - year, 2 - year, 3 - year	N/A	Mandatory,Filter,Golden