



**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
**PROCUREMENT DEPARTMENT (LOCAL), ISLAMABAD**  
**SCHEDULE OF REQUIREMENT**

Material : **SUPPLY OF FULLY FURNISHED PORTA CABINS**

**Due Date: 23-AUG-2021**

Tender Enquiry No: **PROC/LF/PT/18419/21**

Bid Bond Value : **RS.3.5 MILLION**

**EVALUATION WILL BE CARRIED OUT ON FULL**

Attachment(if any) : **YES**

Sr No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
1	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40 FT X 10 FT PORTIONED IN TWO COMPARTMENTS EACH WITH ATTACHED WASHROOM AND LIVING ARRANGEMENT OF 2 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1, 2, 3 & 4 FOR TOGH FIELD.	1		Number					
2	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40 FT X 10 FT WITH THREE COMPARTMENTS EACH WITH ATTACHED WASHROOM AND LIVING ARRANGEMENT OF 2 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1, 2, 3 & 4 FOR TOGH FIELD.	4		Number					
3	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40 FT X 10 FT WITH FOUR COMPARTMENTS EACH WITH LIVING ARRANGEMENT OF 2 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1, 2, 3 FOR KUNNER FIELD.	10		Number					
4	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40 FT X 10 FT WITH FOUR COMPARTMENTS EACH WITH LIVING ARRANGEMENT OF 4 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1, 2, 3 FOR PASAKHI FIELD.	2		Number					
5	SKID MOUNTED PORTA CABINS (DINING ROOM CUM TV ROOM), 40 FT X 10 FT, SPECIFICATION AS PER ATTACHED ANNEXURE 1, 2, 3 FOR TOGH FIELD.	3		Number					
6	SKID MOUNTED PORTA CABINS (OFFICE), 40 FT X 10 FT, PORTIONED IN THREE COMPARTMENTS, ONE SIZE 20'X10' WITH ATTACHED WASHROOM & TWO SIZE 10'X10'. SPECIFICATION AS PER ATTACHED ANNEXURE 1, 2, 3 & 4 FOR NASHPA FIELD.	3		Number					
7	SKID MOUNTED PORTA CABINS (OFFICE), 40 FT X 10 FT, PORTIONED IN TWO COMPARTMENTS, ONE SIZE 30'X10' & ONE 10'X10' WITH COMMON WASHROOM IN CENTRE, SPECIFICATION AS PER ATTACHED ANNEXURE 1, 2, 3 & 4 FOR NASHPA FIELD.	4		Number					
8	SKID MOUNTED PORTA CABIN (MOSQUE), 40 X 60', FULLY CARPETED, FURNISHED WITH 12 NOS HEAT & COOL DC INVERTER AC 1.5 TON AS MINIMUM, ALMIRAH FOR HOLY QURAN & COMPLETE SOUND SYSTEM ETC. SPECIFICATION AS PER ATTACHED ANNEXURE 1-3 FOR NASHPA FIELD.	1		Number					
9	SKID MOUNTED PORTA CABIN (MOSQUE), 40' X 10', FULLY CARPETED, FURNISHED WITH 03 NOS HEAT & COOL DC INVERTER AC 1.5 TON AS MINIMUM, ALMIRAH FOR HOLY QURAN & COMPLETE SOUND SYSTEM ETC. SPECIFICATION AS PER ATTACHED ANNEXURE 1-3 FOR NASHPA FIELD.	1		Number					
10	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40 FT X 10 FT	1		Number					



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	WITH FOUR COMPARTMENTS EACH WITH LIVING ARRANGEMENT OF 2 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1, 2, 3 FOR PASAKHI.								
11	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40' X 10' WITH FOUR COMPARTMENTS EACH WITH LIVING ARRANGEMENT OF 4 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1-3 FOR NUR BAGLA FIELD.	2		Number					
12	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40' X 10' WITH FOUR COMPARTMENTS EACH WITH LIVING ARRANGEMENT OF 2 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1-3 FOR DARU GAS FIELD.	1		Number					
13	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40 FT X 10 FT WITH FOUR COMPARTMENTS EACH WITH LIVING ARRANGEMENT OF 4 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1-3 FOR DARU GAS FIELD.	2		Number					
14	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40 FT X 10 FT WITH FOUR COMPARTMENTS EACH WITH LIVING ARRANGEMENT OF 4 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1-3 FOR TANDO ALAM OIL COMPLEX.	2		Number					
15	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40 FT X 10 FT WITH FOUR COMPARTMENTS EACH WITH LIVING ARRANGEMENT OF 2 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1-3 FOR TANDO ALAM OIL COMPLEX.	1		Number					
16	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40 FT X 10 FT WITH FOUR COMPARTMENTS EACH WITH LIVING ARRANGEMENT OF 2 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1-3 FOR TOGH FIELD.	2		Number					
17	SKID MOUNTED PORTA CABINS (OFFICE CUM RESIDENTIAL), 20'X10', PORTIONED IN TWO COMPARTMENTS. ONE AS OFFICE & ONE WITH LIVING ARRANGEMENT OF 04 PERSONS. DETAIL AS PER ATTACHED ANNEXURE 1-3. PASAKHI FIELD (03), SONO FIELD (02), LASHARI FIELD (01).	6		Number					
18	SKID MOUNTED PORTA CABINS (OFFICE CUM RESIDENTIAL), 40 FT X 10 FT, PORTIONED IN THREE COMPARTMENTS SPECIFICATION AS PER ATTACHED ANNEXURE 1-4 FOR KUNNER FIELD.	1		Number					
19	SKID MOUNTED PORTA CABINS (OFFICE CUM RESIDENTIAL), 40 FT X 10 FT, PORTIONED IN FOUR COMPARTMENTS SPECIFICATION AS PER ATTACHED ANNEXURE 1-4 FOR KUNNER FIELD.	1		Number					
20	SKID MOUNTED PORTA CABINS (RESIDENTIAL), 40 FT X 10 FT WITH FOUR COMPARTMENTS EACH WITH LIVING ARRANGEMENT	10		Number					



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	OF 04 PERSONS PER COMPARTMENT, SPECIFICATION AS PER ATTACHED ANNEXURE 1-4 FOR TOGH FIELD.								
21	LOADING CHARGES.	58		Number					
22	UNLOADING CHARGES.	58		Number					
23	TRANSPORTATION CHARGES.	58		Number					

**Special Note:** The prospective bidders also download the master set of Tender Document

- The prospective bidders may keep in touch with OGDCL web site for downloading the clarifications/amendments (if any) issued by OGDCL.
- BID VALIDITY 180 DAYS FROM TECHNICAL BID OPENING. PAYMENT AS PER CLAUSE NO.30 OF TOR. DELIVERY PLACE & PERIOD PER CLAUSE NO.1 & 3 OF TOR FROM LPO ISSUE DATE.



**OIL & GAS DEVELOPMENT COMPANY LIMITED**  
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**Mandatory Checklist**

Please confirm the compliance of the following mandatory information along with the bid(s) (failing which bids(s) will not be accepted)

Documents	To be Attached with the Technical/Financial Bids	Compliance	
		Yes <input type="checkbox"/>	No <input type="checkbox"/>
Original Bid Bond	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Copy of NTN Certificate	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Copy of GST Certificate	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Confirmation that the Firm is appearing on FBR's Active Taxpayer List	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped <b>Annexure-A (Un-priced)</b>	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-B</b>	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-D</b>	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-L</b> on Company's Letterhead	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped <b>Annexure-M</b> on Company's Letterhead	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly signed and stamped <b>Annexure-N</b> on Non-Judicial Stamp Paper duly attested by Notary Public	Technical Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-A (Priced)</b>	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-C</b>	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Duly filled, signed and stamped <b>Annexure-E</b>	Financial Bid	Yes <input type="checkbox"/>	No <input type="checkbox"/>



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For the Vendors/Contractors who opt to submit Bank Draft/Call Deposit/Pay order against Bid Bond/Performance Bond, our Accounts Department has finalized an arrangement for online payment to such Vendors/Contractors, which will be processed through (IBFT & LFT) for which following information is required:

i.	IBAN No. (International Bank Account Number 24 Digits)	
ii.	Vendor Name as per Title of their Bank Account	
iii.	Contact No.of Company's CEO/ Owner (Mobile & Landline)	
iv.	Bank Name.	
v.	Bank Branch Name and Code	

Name, Sign and Stamp of the authorized official of the Bidder(s) \_\_\_\_\_

## **Terms of Reference (TOR)**

### **1. General Introduction.**

OGDCL intends to procure 58 Nos. fully furnished self-standing Porta Cabins (Brand New and manufactured solely for this tender enquiry) for OGDCL different Fields (as per this SOR/TOR and list as Annexures) as a complete package. Successful bidder will be responsible to supply the Porta Cabins as per detail below.

- i. 09 Nos. to Nashpa Oil Field which is situated on main Indus Highway between Kohat and Karak in Distt. Karak, KPK.
- ii. 20 Nos. to TOGH Field situated about 10 KM to Kohat near to Kohat Tunnel in Distt. Kohat, KPK.
- iii. 01 Nos. to Tando Allahyar about 10 KM from Tando Allahyar City, District Tando Allahyar, Sindh.
- iv. 11 Nos. to Kunnar about 25 KM from Hyderabad near Tando Jam, District Hyderabad, Sindh.
- v. 02 Nos. to Nur Bagla about 20 KM from Golarchi, District Badin, Sindh.
- vi. 03 Nos. to Tando Alam Oil Complex about 20 KM from Hyderabad, Sindh.
- vii. 03 Nos to Pasakhi about 20 KM from Hyderabad, District Hyderabad, Sindh.
- viii. 03 Nos. to Daru Gas Field about 10 KM from Tando Muhammad Khan, Sindh.
- ix. Total 06 Nos (One each to Pasakhi-5, Pasakhi-2, Pasakhi North-3, Sono-4, Sono-7 and Lashari-5. These wells are located about 20 KM from Hyderabad, District Hyderabad, Sindh.

### **2. Requirement**

The detail of Porta Cabins required is listed at Annexure-2. Each Porta Cabin shall be 100 % furnished in all respect according to the type and usage.

### **3. Delivery Period**

The delivery period of the Porta Cabins installed with AC and Geysers at OGDCL Fields will be 240 calendar days starting from Local Purchase Order issuance date failing which Late Delivery Penalty will be imposed as per OGDCL Policy. After delivery at site, maximum time frame for handing over the Porta Cabins to OGDCL after fixing of accessories, electrical and sewerage connections will be 30 calendar days. Partial Deliveries within the delivery period are allowed.

### **4. General Description**

- 4.1. Porta Cabins should be provided as per this TOR and Annexure 2.
- 4.2. Split AC's should be provided as per TOR as Annexure-3.
- 4.3. Electric Geyser should be provided as per TOR as Annexure-4.
- 4.4. Bidder to provide brands of items as per Annexure-5 with his technical bid. The bidder will be bound to use the same brand in case of award of contract.
- 4.5. Self-standing Porta Cabins should be manufactured in accordance with applicable codes and standards (e.g. AISC, ASD, LRFD etc.) for Mobile Living Camps, Remote-site Offices, Utilities, Workshops, and Stores requiring minimum maintenance and providing comfortable working environment.
- 4.6. All Porta Cabins must be capable of tolerating all applicable loads e.g. Service Loads, severe environmental loads, transportation loads, loading/off-loading mechanisms etc.

- 4.7. All Porta Cabins should be made from brand-new & un- used material.
- 4.8. All accessories, fittings and furnishing items of Porta cabins should also be brand new and unused.
- 4.9. Fittings & Accessories inside all Porta Cabins should remain firm to their places of installation during shifting through trailers.
- 4.10. All Porta Cabins should have facility to be connected to electrical distribution panels placed at suitable places of the End-User Site.
- 4.11. General Provisions such as windows, doors, electrical and plumbing connectors, should be recessed within the Geometry of Porta Cabins.
- 4.12. Each Porta Cabin should be facilitated with one roof-top-fitted removable, adjustable, and water-proof flood light (250 W) along-with fixture fixed at removable, up- down-adjustable, turn-adjustable, and folding-style M.S. Light Poles fitted at one of the front-columns of each Porta Cabin. These lights would serve for illumination of surrounding area of Porta Cabin. M.S. Light Pole would be inserted in M.S. Bracket welded at front-columns of each Porta Cabin.
- 4.13. It must be ensured that Porta Cabin dimensions, level, thickness, fabrication, erection, patch-filling and welding work, is completely rectified up to safety, quality standards, user's instructions and prescribed checks of Inspecting Authority.
- 4.14. All the required material for the Porta Cabins shall be in accordance to the specifications mentioned in this document and design of each type of Porta Cabin shall be approved by OGDCL prior to construction.
- 4.15. All Porta Cabins should be manufactured while considering following environmental constraints:-
 

✚ Ambient Temperature	0-52° C	
✚ Humidity	0-90% Max	
✚ Max Wind Velocity	160 Km/Hour	
✚ Seismic Zone	2B	

## **5. Engineering and Design**

- 5.1. Bidder has to carry out detail engineering and design and should develop drawings.
- 5.2. The preliminary engineering, design and drawings should be submitted with the technical bid. The successful bidder will have to review the design and drawings if asked by OGDCL.
- 5.3. The successful bidder will procure material and construct/fabricate the Porta Cabins as per approved design and drawings and supply the same at OGDCL Fields.
- 5.4. Prior to start of fabrications works, bidder has to approve the design and drawings from the OGDCL.
- 5.5. Bidder has to provide the detail drawings to OGDCL in soft and hard forms after award of contract as per technical specifications.
- 5.6. **OVER ALL DIMENSION OF PORTA CABIN**

Length	40'-0" OR 20'-0"	(As per SOR)
Width	10'-0"	
Height at sides	9'-0"	
Height at center	9'-9"	

## **6. Skid**

- 6.1. Heavy duty skid should consist minimum 2-Runners rolled I-Beam of size 10" x 5" (single piece of 42' without any joint) having minimum weight of 12 KG/ft for longitudinal members.
- 6.2. 3-Runners rolled I-Beam of size 8" x 4" having minimum weight of 7 KG/ft for cross members equally spaced along the length and welded with the longitudinal main members. Two pipes of 11' 5" length (with ending Pulley) and fixed at around 20' (plus-minus in view of shed's placement) distance would serve for Centre bottom lifting.
- 6.3. MS pipe of Schedule-80, 4" diameter & 8.6 mm thickness for end cross members for cable wrenching & lifting.
- 6.4. 24" extension at either end of building with top made from 3.0 mm M.S. Checkered Sheet.
- 6.5. 10 mm thick Heavy duty gusset plate welded on end crosses members, enabling the skid suitable for direct crane lifting purpose.
- 6.6. GI sheet SWG 16 (Thickness 1/16") shall be riveted on top of the floor channel.

## **7. Base Frame**

- 7.1. Base Frame (Base Ring Beam) should be constructed by welding prime quality, heavy duty M.S. U-Channel of size (100 mm X 50 mm x 6 mm) having minimum weight of 3 KG/ft, all around to support the side walls at the base.
- 7.2. Cross members (Cross Joints at Bottom) should be made from MS U-Channel of size (75 mm X 38 mm x 6 mm) having minimum weight of 2 KG/ft welded at a distance of 24" as per standard code of practice to support floor.
- 7.3. For reinforcement of Floor, 1.5" X 1.5" X 4.7 mm thick MS Angle Iron having minimum weight of 0.8 KG/ft as longitudinal cross joint should be welded between U-Channel cross members.

## **8. Top Frame**

- 8.1. Top Frame (Top Ring Beam or Roof Frame) is constructed by welding prime quality M.S. U-Channel of size (100mmX50mmX5mm thick) on vertical columns, and all around to support the side walls at the top.

## **9. Column**

- 9.1. Four-side columns should be made with M.S. Plate 6" x 6" x 6mm thickness welded on all four corners with bed frame and top frame.
- 9.2. Lifting Eye Hook / Hole should be made on Lathe Machine as per load calculations.

## **10. Side Walls / Partition Walls**

- 10.1. Construction: Wall frame for side walls and interior partition walls should be constructed of 1 ½" X 1 ½" X 1.63 mm thick MS Rectangular Tubes fixed at a center distance of 1200mm (4') both in longitudinal and vertical direction and welded rigidly to the building shell in case of side walls (and to the side walls in case of partition walls construction).
- 10.2. Openings : All openings for windows, doors, exhaust fan, A/C Lines, Power Lines, White/Black/Grey water lines etc. should be cut and framed with M.S. tubing. These openings should be made water proof.



- 10.3. Exterior Wall: The external skin of Porta Cabin should be made of MS Corrugated sheet of 2.0 mm thickness continuously welded with both ring beams.
- 10.4. Insulation in Porta Cabins: 1.5" thick Diamond Jumbolon sheet of minimum density 35Kg/m<sup>3</sup> should be used as insulation sheet in between the MS tube framework in around the perimeter of side walls.
- 10.5. 1" thick Diamond Jumbolon sheet of minimum density 35Kg/m<sup>3</sup> should be opted for interior partition walls. Partition Walls' Tubes, gaps and coincides must be injected by PU in order to minimize Noise travelling between rooms. Other options of minimizing of Noise Travelling might be considered.
- 10.6. Covering in Dry Areas of Porta Cabins: 10 mm thick plain MDF factory laminated decorative sheet is used as inner skin of walls and riveted/screwed to the MS Rectangular Tube frame. Wood Color Lamination is to be used for Living & Office Caravan/Porta Cabins.
- 10.7. Beading in Dry Areas: The wall joints between panels and corners are covered/sealed by aluminum beading of suitable size and shape (preferably Aluminum Tee with rubber lining).
- 10.8. Skirting: Floor and ceiling are properly trimmed with wall panels by wooden skirting.
- 10.9. Covering in Wet Areas of Living and Office Porta Cabins: In Wet areas of Porta Cabins (bathrooms, ablution area, washrooms etc.), 16 mm thick plain PVC foam board should be used. Columns of Toilet/Shower Cubicles are made from S.S. Tubing of 1 ½" X 1 ½".
- 10.10. Beading in Wet Areas of Living and Office Porta Cabins: The wall joints between panels and corners are covered/sealed by aluminum beading of suitable size and shape (preferably Aluminum Tee with rubber lining).

## **11. Roof & Ceiling**

- 11.1. Roof Top: Roof top is built of M.S. plain sheet of 2.0 mm thickness welded with Top Ring Frame.
- 11.2. Roof Transverse Slope: An extra frame as curved purloin is made from M.S. Tubing of 38mmX38mmX1.2mm for roof Transverse slope of 3" in order to resist stay of water at roof.
- 11.3. Ceiling Construction: Ceiling frame is constructed of purloins made of 38mm x 38 mm x1.2mm (1 ½" X 1 ½" X 18 G) thick MS Square tube is fixed at a center distance of 2' X 4' in longitudinal and horizontal direction and welded to the building shell (size may vary to suit requirements).
- 11.4. Insulation: 2" thick Diamond Jumbolon sheet of minimum density 35Kg/m<sup>3</sup> should be used as insulation sheet in between the MS tube framework in around the perimeter of ceiling.
- 11.5. Ceiling Covering: False Ceiling of appropriate design.
- 11.6. Beading: The joints between panels and corners are covered by Chawla aluminum beading of suitable size and shape.

## **12. Surface Treatment & Preparation**

- 12.1. All joints should be welded with deep penetration without welding flux, pin-holes and cracks.
- 12.2. Smooth finishing should be ensured by using mechanical means (grinding) or by wire-brush to remove any scale or rust prior to application of paint and Corrosion Protection should be assured before internal paneling work.
- 12.3. All the wooden work shall be termite treated prior to installation.

### **13. Flooring**

- 13.1. Construction: The floor should be constructed by installing 1 ½" thick and 9" to 11" wide free from knots, and cracks etc. seasoned dry Kikar/Jaman Wooden Plank over cross joints. These wooden Planks are further decked by 16-mm thick Marine Plywood Sheet (water resistant, moist resistant, factory-treated with termite-proof chemicals).
- 13.2. Floor Covering in Dry Areas: In dry areas, 12-mm decked plywood sheets are covered by pasting 2.0 mm thick commercial grade, heavy duty, smooth finish vinyl flooring having fiber layer, to endure high resistance and rough use.
- 13.3. Floor Covering in Wet Areas of Living and Office Porta Cabins: In Wet Living/Office Porta Cabins (where there is attached bath-room), the outer surface of plywood sheets facing bathroom is smooth finished with fiber mat and fiber tissue (double) coating on bath floor. This fiber coating is further treated with epoxy-paint-top. Then polka-dotted vinyl flooring is fixed.
- 13.4. Flooring in Shower Area: In shower area of Porta Cabin, S.S. based flooring along-with S.S. based Tub would serve as "Shower Tray" with pallets made of SS Tubing completely ensuring water-proofing.
- 13.5. Flooring in Toilet Cubicles: In Toilet area of Porta Cabin, the outer surface of plywood sheets facing bathroom is smooth finished with fiber mat and fiber tissue (double) coating on all cubicle floor. This fiber coating is further treated with epoxy-paint-top.

### **14. Entrance Doors**

- 14.1. Porta Cabins should be provided with entrance doors of size
- 14.2. Width= 36" X Height = 78" single-panel for large rooms &
- 14.3. Width = 32" X Height = 78" single-panel for small room &
- 14.4. Width = 48" X Height = 78" for Porta Cabins such as Dispensary (Dual Panel) where large-size based equipment need to be installed.
- 14.5. The door should be made as per attached drawing.
- 14.6. Good quality Rubber seal lining should be fixed at side of door-frame where door-leaf would collide with frame in order to ensure collapsing-sound-proofing and/or gap-filling.
- 14.7. Good quality Rubber seal lining should be fixed at outside border of door-leaf in order to ensure gap-filling (if there remains any), dust-proofing and water-proofing particularly during rainy season.
- 14.8. Good quality Handle-Type-Door Lock, Yale Type, handles, and tower bolts should be used over entrance doors.
- 14.9. Good-quality Automatic Hydraulic Door Closer with provision to prevent door being slammed or being caught by the wind should be used.
- 14.10. Each Living Room-Entrance Door must be provided with Tower Bolt at inside.
- 14.11. All entrance doors should be provided with sunshade /capping covers 6" outside the Porta Cabin (also serve as Water Sheds for protection against rain water).
- 14.12. Water Sheds should be designed in such a manner that dew-water does not fall while entering into or leaving room.

## **15. Internal Doors**

- 15.1. Internal door – 36" X 78" (Single Panel) e.g. in Office cum Living Porta Cabin and Kitchen to Dining Partition Door.
- 15.2. They shall be made as per design. The doors should be provided with; (i) Cylindrical Door Lock, (ii) Door closer.

## **16. Bath Door**

- 16.1. Bath doors in Office cum Living Porta Cabin are of Flush type, UPVC material based waterproofed, and having louver grill on bottom side.
- 16.2. The size of these doors is (Width = 27" x Height = 78").
- 16.3. SS Sheet is decked as Border of Door-Frame.
- 16.4. Door leaf is fixed by good quality continuous hinge in order to avoid expected relay and twistability of door.
- 16.5. Good quality locks, handles and door closures are to be used over bath doors.

## **17. Windows**

- 17.1. Porta Cabins should be provided with silver colour Chawla Aluminium frame based windows.
- 17.2. Size of Window should be 36" X 24" in all Porta Cabins except 16 Men Porta Cabins where it should be 24"x24".
- 17.3. Fixed Windows should be installed in Office Porta Cabins.
- 17.4. Horizontal sliding based windows should be installed in Living Porta Cabins.
- 17.5. A sliding window is single glazed in two horizontally sliding panels (one fixed, other sliding) with outside metallic fly screen/mesh fixed in it. It should have locking arrangement.
- 17.6. All Windows should be fitted with weather proof seals.
- 17.7. The windows should have clear 5mm thick plain glass for vision.
- 17.8. Vanishing blinds or Rolling Blinds should be fixed inside the room over window frame with screws. Design and fabric of the material to be approved from OGDCL prior to fitting.
- 17.9. All windows should be provided with sunshade/ capping covers 6" outside the Porta Cabin and over each window. It will also serve as Water Shed for protection against rain water.

## **18. Power Supply System**

- 18.1. All electrical installation / wiring shall be carried out as per BS-7671.
- 18.2. All Porta Cabins should be fitted with standard electrical cables (Flexible, copper, PVC insulated, PVC sheathed).
- 18.3. All wiring in accordance with modular camp building practices.
- 18.4. All wirings and allied fixtures inside the Porta Cabin should be under surface.
- 18.5. Porta Cabin distribution shall have 3-phase wiring with earth leakage breaker and neutral incoming with appropriately sized grounding.
- 18.6. All cables /wirings inside and outside Porta Cabin should be of Pakistan, Newage, FAST or equal reputed firm.
- 18.7. All the circuits will be ELCB breaker protected and wired for 220/240 volts, 50 hertz services.
- 18.8. 16 mm<sup>2</sup> -- 4 core PVC copper conductor cable should be provided for feeding from OGDCL male/female connector to Porta Cabin Distribution Board.

- 18.9. 6 mm<sup>2</sup>, single core, PVC cable should be used for A.C. Power socket with 2.5 mm<sup>2</sup> single core PVC cable as earth continuity conductor.
  - 18.10. 2.5 mm<sup>2</sup> single core PVC cable should be used for fridge and TV socket (universal socket circuit) with 1.5 mm<sup>2</sup> PVC cable as earth continuity conductor.
  - 18.11. 1.5 mm<sup>2</sup> PVC cable should be used for light circuits from DB to switch board.
  - 18.12. 1.5 mm<sup>2</sup> PVC cable should be used from switch board to light points.
- Note: Above mentioned items should be installed in each cabin/partition of each Porta Cabin.

## **19. Electronic Fittings**

All Porta Cabin should be fitted with

- 19.1. Plugs/Receptacles, Earth Leakage Circuit Breakers (ELCB) of suitable ratings and with provisions for proper grounding (Electrical Earthings).
- 19.2. One industrial (male/female) plug & Socket, 5 pin, 32 Amp to 63 Amp, Heavy Duty, (CEE or MENEKES brand or equally reputed European/western brand) for power supply to Porta Cabin from external connector.
- 19.3. Industrial plug & Socket, 3 pin, 16 Amp, Heavy Duty, CEE brand or equally reputed European/western brand for electric heater & Light Pole.
- 19.4. A 14 SWG dust-proof Porta Cabin Power Distribution Board made of PVC body and acrylic sheet door on one side of Porta Cabin which would contain ELCB Circuit Breakers, 4 pole, 40-63 A, .03 mA rating, of different rating as per requirement.
- 19.5. Circuit breaker should be of Hager (France) brand or equally reputed European/western brand.
- 19.6. Earth connection points and all 3-pin sockets, DB's etc. shall be connected to it. Thereby all devices and fixtures to be linked with proper grounding system.
- 19.7. Electronic fittings which are surface mounted should be concealed inside fire resistant PVC-based rectangular boxes.
- 19.8. Switches & sockets shall be of Clipsal (Australia) brand or equally reputed European/western brand.
- 19.9. 3 pin, 15 Amps, E-15, E Series, Clipsal (Australia) brand or equally reputed European/western brand Power plug for Air Conditioners.
- 19.10. 3 Pin, 13 Amps, E-15, E series, Clipsal (Australia) brand or equally reputed European/western brand for Fridge etc.
- 19.11. On/Off switch, 2-4 gang, 10 A, E Series, Clipsal (Australia) brand or equally reputed brand for external / internal lights.
- 19.12. Provision of Power connection for computers/printer.
- 19.13. Provision of LAN and Telephone connection.
- 19.14. 02 Nos. Round Ceiling LED Light of minimum 15 W each with Metal Fixture & Glass Shade in each partition.
- 19.15. 01 Nos. Round Ceiling LED Light of minimum 15 W with Metal Fixture & Glass Shade in each Washroom.
- 19.16. One 1 ft. long single rod, 60 w, light fixture on top of mirror inside Washroom.
- 19.17. One strip light for each bed.

- 19.18. One buck head light Wall mounted, Weather-proof, and metal frame-based on external side of each room adjoining Entrance door.
- 19.19. One Emergency Light (Double Rod) should be fixed in each room.
- 19.20. Fixing of False Ceiling Fan 18" open (2' x 2') with remote control, (Voldam, Twister, Pak, Royal or equally reputed brand) in each portion of Living/Office as per Layout.
- 19.21. Electric exhaust fans (GFC, Pak or equally reputed brand), PVC body, dual function, 8" dia in each Washroom.
- 19.22. Packager of Porta Cabins will have to install wall-mounted Electric Instant Geyser (item 4.3 of SOR) with Safety Valve for each Bathroom placed over Metal Sheet at 10' side of Porta Cabin.

## **20. Installation of Air Conditioning System:**

- 20.1. DC inverter AC as per Annexure-3.
- 20.2. Packager of Porta Cabins will have to install Air Conditioner with 16 Amps circuit breaker in each partition of Porta Cabin as per its layout.
- 20.3. The outer units of the air conditioners should be installed outside the Porta Cabin over MS Angle based frame at 10' side of Porta Cabin.
- 20.4. Supply and installation of refrigerant piping with expanded rubber foam insulation protected with aluminum foil wrapping tape and top with cotton tape.
- 20.5. Control wiring between internal and external units should be in PVC cable.
- 20.6. Drain should be in the form of PVC soft pipe (1/2" dia).

## **21. Bath Room Fittings (Sanitary Fittings):**

- 21.1. Geysers as per Annexure-4.3
- 21.2. Western/Eastern style Toilet Bowl, white color, Porcelain base, one-piece, export-quality with flush tank in Toilets (Porta, BOSCH)
- 21.3. White color, washbasin with pedestal (Porta, BOSCH or equally reputed brand).
- 21.4. Basin Mixture, CP (Chrome Plated) or white color, GROHE brand or equally reputed brand.
- 21.5. SS Shower Tray 31" X31" in bathrooms attached to Living/Office rooms.
- 21.6. Each Shower Tray should be provided with post for standing over.
- 21.7. Shower Curtain with Metallic Rod around Shower Tray
- 21.8. Toilet paper dispenser
- 21.9. Wall Shower Mixture, CP (Chrome Plated) or white color, GROHE brand.
- 21.10. Tee cock, GROHE brand or equally reputed brand.
- 21.11. Muslim shower, CP/white color, GROHE brand or equally reputed brand.
- 21.12. Horizontal towel hanger, CP/White color, GROHE / Master brand or equally reputed brand.
- 21.13. Standard size Mirror, white color, plastic border, GROHE / Master/Sonex brand or equally reputed brand on each wash-basin.
- 21.14. Standard size Soap Dish, SS / white color, GROHE / Master/Sonex brand or equally reputed brand on each mirror.
- 21.15. Standard sizes cosmetic shelve, white color, GROHE /Master/Sonex brand or equally reputed brand on each mirror.
- 21.16. Exhaust fans (GFC, Pak or equally reputed brand), plastic body, 8" dia in each bathroom.

## **22.Plumbing / Sewerage**

- 22.1. Water supply connections, internal piping, elbows, water geyser fittings, other fittings etc. shall be of best quality PPRC (Dadex Brand or equally reputed brand).
- 22.2. Drain outs, floor drains, fittings etc. shall be of best quality UPVC material (Dadex Brand or equally reputed brand).
- 22.3. Slope of drain-outs should be specifically ensured so as to exclude any kind of choke or stay of Grey or Black Water.

## **23.Painting**

To make Porta Cabin structure rust-free and water-proof, it should be ensured that

- 23.1. 2 coats of red-oxide primer should be applied on all internal (e.g. Tubes, walls, channels etc.) and external exposed steel surfaces.
- 23.2. 2 coats of weather shield matt enamel paint (white) of ICI OR Nippon OR Berger brand or equally reputed brand should be applied on all external surfaces of walls including Doors, windows.
- 23.3. The top finishing of roof should be done with 2 coats of red oxide primer and 2 coats of epoxy paint for water proofing.
- 23.4. Border should be provided as per OGDCL style.
- 23.5. OGDCL Logo should be painted at front-40' wall and one side wall.

## **24.Fire & Safety Measures**

- 24.1. Smoke Detector with outside Fire Alarm System should be installed in each partition of each Porta Cabin.
- 24.2. Re-chargeable Fire Extinguisher (CO<sub>2</sub>) (Gloria brand or equally reputed brand) 02 Nos. must be fitted and secured outside each Porta Cabin.
- 24.3. Extraction fans shall have grills to avoid finger injuries.
- 24.4. Fittings, fixtures and other associated furniture should be secured in their positions to meet frequent movements of Porta Cabins.
- 24.5. One Emergency Light (Double Rod) should be fixed in each room.
- 24.6. The contractor will be responsible for grounding of the Porta Cabins at OGDCL site.
- 24.7. Water-proofing must be ensured while cross-checking Roof.
- 24.8. Water-proofing must be ensured from Window, Door, and such other openings. Any chance of seepage or leakage must be excluded.
- 24.9. Any chance of leakage of water must be excluded while doing plumbing or sewerage work.
- 24.10. Any chance of damage due to conventional negligence of short-circuiting or absence of neutral or breakers malfunctioning must be excluded.

## **25.Special requirements**

- 25.1. Recreation Halls Porta Cabins should have two doors on same side.
- 25.2. All Wooden Furniture Frames (such as Beds, Wardrobes, Tables, Cabinets etc.) shall be made of dry Sheesham wood only. However, overhead wall- mounted cabinets or racks or upholstery or Book-shelves may be made of MDF with lamination as of room walls.
- 25.3. Good-quality Locks and Catchers must be provided with Wardrobes and Cabinets.

- 25.4. In Dual-style Bunk Beds, Gap between upper & lower Bed should be adjusted in such a manner that person's head sitting at lower bed may not hit upper-bed or any sharp edge.
- 25.5. There should be no odour of MDF Sheets due to lamination or Formaldehyde.
- 25.6. Both cold & hot water provisions should be made in Toilet Cubicles of Porta Cabin.
- 25.7. 2-Spreader Bars must be provided with Camp Kit.

## **26. Stage Inspections**

- 26.1. First Inspection: After Steel Material Procurement and before cutting.
- 26.2. Second inspection: On completion of skids, super structure/fixing of wooden battens and fixing of wooden planks on floor prior to Primer Work.
- 26.3. Raw sheesham Wood for wooden furniture, Diamond Jumbolon sheet, sanitary and electrical items/fittings should be procured before second inspection and should be inspected during second inspection.
- 26.4. Third Inspection: After completion of interior and exterior walls and Carpentry Work but before painting and primer coat. The carpentry work should be in natural color (without any primer coat) during third inspection.
- 26.5. Fourth Inspection: After Completion and Prior to Mobilization.
- 26.6. Fifth Inspection: At OGDCL site after placing the Porta cabins at their foundations.

### **Note:**

1. In case of rejection of any material or work done due to any reasons not on part of OGDCL and the inspection official has to re-visit the bidder's premises outside Islamabad, bidder shall be liable to conduct this visit at his own expenses including return air tickets, pick and drop, boarding and lodging etc.
2. The contractor should be clear that OGDCL inspection will not be limited to above mentioned inspections only. OGDCL rep can visit for inspection at any time with intimation OR without intimation to contractor's site during manufacturing of OGDCL Porta Cabins.

## **27. Furniture and Accessories**

- 27.1. The contractor should supply the following furniture in each compartment of residential Porta Cabins.
  - 27.1.1. Two single bed (each of size 6.5'-2-1/2" X 3'-2" with 9" back rest and two drawers under the bed) along with side tables (Size: 1½' x 1½' x 2') having 3 draws with locks. Side table should be covered with 5 mm glass of brown color clamped on it.
  - 27.1.2. Two wooden wardrobes 6' X 3' X 2' of dry sheesham frame and sheesham veneered.
  - 27.1.3. Up board for Holy Quran 14" X 10"
- 27.2. The contractor will supply following items.
  - 27.2.1. Supply of following items with each bed.
    - *Mattress 6" thick (Master Molty, Diamond Supreme or equally reputed). 01 No.*
    - *Made in Korea Blanket, size 220cmx240cm 01 No.*
    - *Ball Fiber Pillow (Chenone, Gul Ahmed or equally reputed brand) 02 No.*
    - *Cotton Bed sheets (Printed) a/w pillow cover (Chenone, Gul Ahmed or equally reputed brand) 02 Nos.*
    - *Bath size Towel white color (Chenone, Gul Ahmed or equally reputed brand) 02 Nos.*
    - *Spot Light (for reading) 01 No.*

- 27.2.2. Supply of following items in each compartment.
- *1.5 Ton DC invertor Split AC as per Annexure-3* 01 No.
  - *False Ceiling Fan 18" open (2' x 2') with remote control, (Voldam, Twister, Pak, Royal or equally reputed brand)* 01 No.
  - *Illumination Lights (Double Shade Tube lights)*
  - *Centre Table: Sheesham Frame along with 8mm glass top* 01 No.
  - *Mirror* 01 No.
  - *Emergency Light* 01 No.
  - *Power Point/Gang Board (for light switches, computer sockets, TV socket etc.)*
  - *Telephone connection* 01 No.
  - *Up-board for Holy Quran along with Holy Quran* 01 No.
  - *Prayer Mat (Cutwork Design of Butt Silk Mills)* 01 No.
  - *Brand new 2-Doors wooden (Dry sheesham frame) wardrobe* 02 Nos.
  - *Wall Clock (Amms, Champion or equally reputed brand)* 01 Nos.
- 27.2.3. Supply of following additional items in each compartments of Porta Cabins mentioned at Sr. No.1 and 2 of Annexure-2
- *Foam Sofa chair large size with leatherite poshish.* 04 Nos.
- 27.2.4. Supply of following items with each Porta Cabin.
- *Earth bus Bar* 01 set
  - *Light Pole* 02 Nos.
  - *CO<sub>2</sub> Fire Extinguisher (Gloria or equally reputed Brand)* 02 Nos.
  - *Supply of power cables (Pakistan/ Newage/ Fast or equal reputed brand) up to OGDCL panel*
- 27.2.5. Mess/Dining Halls
- *1.5 Ton DC invertor Split AC as per Annexure-3* 03 No.
  - *Dry Sheesham Wooden Frame cabinets and Notice Board*
  - *Walnut wood Country-Style Dining Table frame with decorative legs covered with tampered 12 mm glass and dining chairs of sheesham with decorative legs for 20 persons (for 40' x 10') and 12 persons (for 20' x 10').*
- 27.2.6. For TV room
- *1.5 Ton DC invertor Split AC as per Annexure-3* 03 No.
  - *Equipped with Leatherite Poshish Sofas for 12 Persons*
  - *Dry Sheesham Wooden Frame cabinets for television/electronics devices*
- 27.2.7. For each Office
- *1.5 Ton DC invertor Split AC as per Annexure-3* 01 No.
  - *Working table of standard size along with revolving chair.* 01 Set
  - *Dry Sheesham Wood Closet for files integrated to computer table* 01 Nos.
  - *Dry Sheesham Wood Book shelf* 01 Nos.
  - *Visiting chairs* 02 Nos.
- 27.2.8. For Meeting Room
- *1.5 Ton DC invertor Split AC as per Annexure-3* 01 No.
  - *One Meeting table with 12 mm tampered glass cover*
  - *Dry Sheesham Wood frame meeting chairs* 06 Nos.
- 27.2.9. For Each Dispensary
- *1.5 Ton DC invertor Split AC as per Annexure-3* 01 No.
  - *Dry Sheesham Wood Stretcher with mini Closet under bed.* 01 Nos.



- *Steps for Stretcher.* 01 Nos.
  - *Oxygen Cylinder (10 L capacity) with regulator and mask* 02 Nos.
  - *Foam Sofa chair with leatherite poshish.* 04 Nos.
- 27.2.10. For Clinic
- *1.5 Ton DC inverter Split AC as per Annexure-3* 01 No.
  - *Working table of standard size along with revolving chair.* 01 Set
  - *Computer table* 01 Nos.
  - *Dry Sheesham Wood Closet for files* 01 Nos.
  - *Dry Sheesham Wood Book shelf* 01 Nos.
  - *Dry Sheesham Wood frame Chairs for Patients* 04 Nos.
- 27.2.11. For each Mosque
- *1.5 Ton DC inverter Split AC as per Annexure-3 (for 40'x60')* 10 No.
  - *1.5 Ton DC inverter Split AC as per Annexure-3 (for 40'x10')* 03 No.
  - *Mosque Prayer Mat of Butt Silk Mills* Wall to Wall
  - *Mihrab, Minber and Meenar for each mosque* 01 Nos. each
  - *Dry Sheesham Wood Book shelf for Holy Quran* 01 Nos.
  - *Complete Sound System including internal and external speakers*

## **28. Mobilization & Unloading.**

- 28.1. The bidder will be responsible for loading, mobilization, unloading, placing on foundations, fixing of accessories (if any), sewerage and electrical connections of Porta Cabins at OGDCL site.
- 28.2. Civil Infrastructure is already present at site. Contractor has just to unload the Porta cabins and place them at foundations.
- 28.3. All necessary checks are the responsibility of the contractor.

## **29. Terms & Conditions**

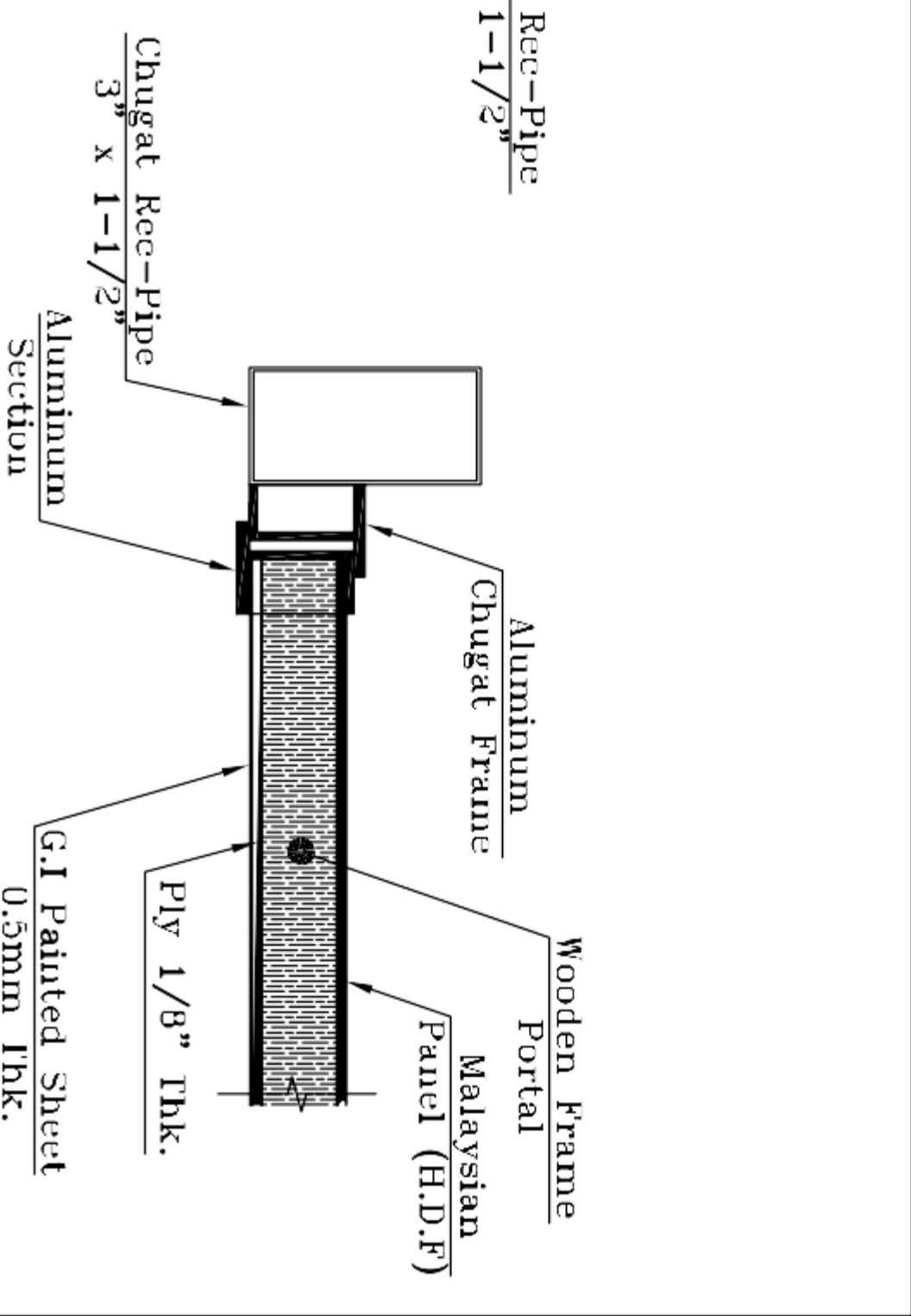
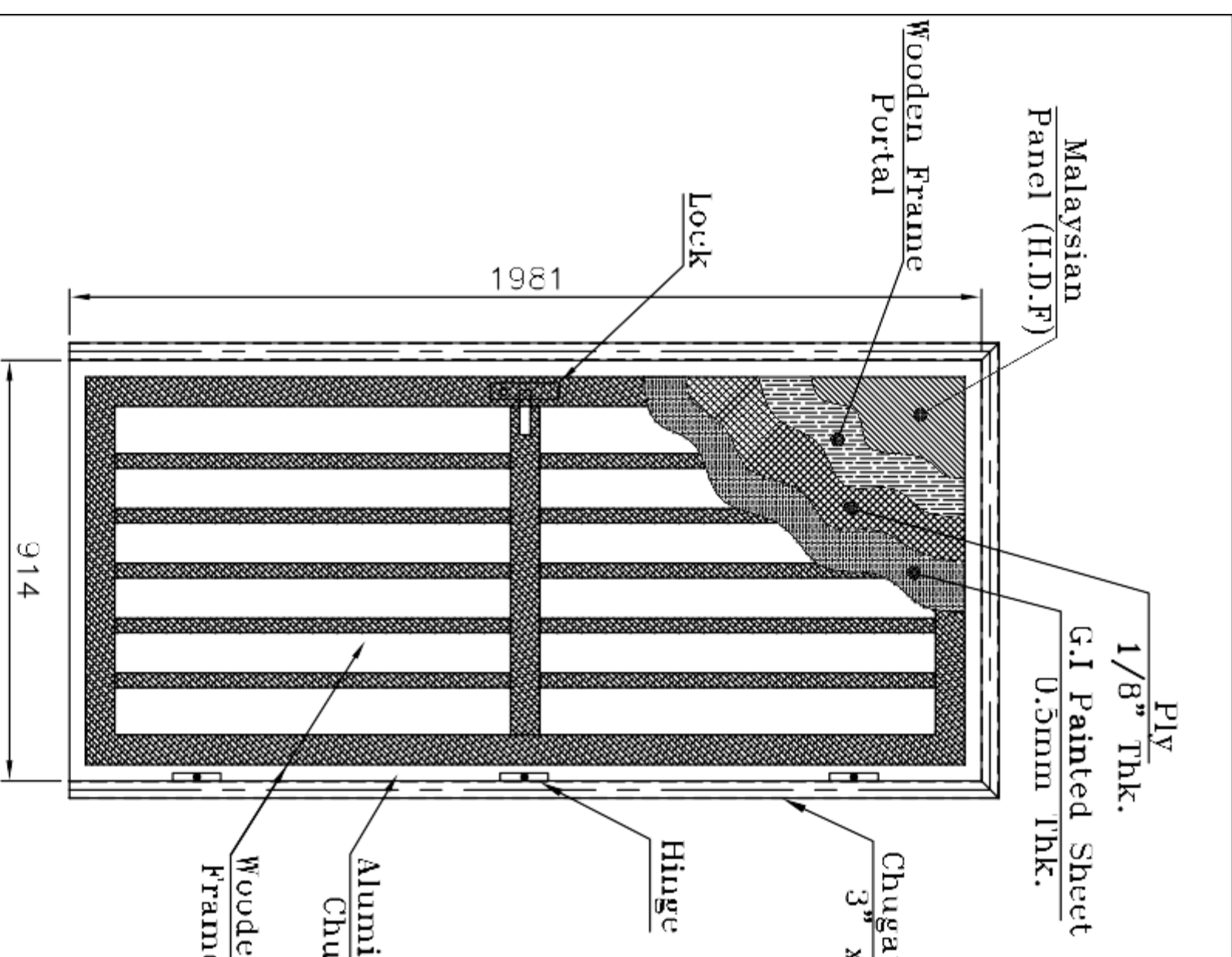
- 29.1. Bidder has to confirm that OGDCL has the right to visit its facilities at any working day with or without prior information to check the status of the consignment.
- 29.2. Bidder has to confirm that manufacturing faults OR non-compliance to OGDCL Tender clauses pointed out by OGDCL at any stage before, during commissioning or after commissioning during warranty period will be rectified by the contractor at its own cost.
- 29.3. All kind of arrangements for Loading, Transportation, Off-loading and placement on foundations at OGDCL Site would be the responsibility of Contractor.
- 29.4. All kind of Installations required for Porta Cabins (e.g. DBs, Cable, sewerage connections etc.) at OGDCL Site will be the responsibility of Contractor. OGDCL will provide only Power Supply up to Camp's Main Electrical Distribution Board.
- 29.5. Connection of each Porta Cabin having washroom with OGDCL sewerage line will be the responsibility of the contractor.
- 29.6. The bidder will give guarantee (on its letter head) for continuous operation of all equipment installed in Porta cabins for a period of one year starting from the date of successful commissioning date of the Porta cabins.
- 29.7. In case of joint venture, copy of contract on judiciary stamp paper should be provided in technical bid clearly mentioning the lead partner. The lead partner should fulfill "Requirements for bid submission" from para 31.1 to 31.10 below.

### **30. Payment Terms**

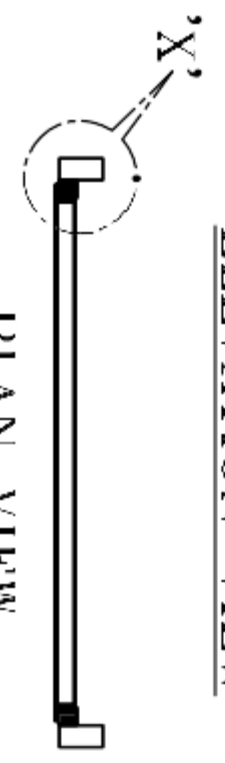
30.1. Payment will be after delivery and satisfactory inspection report from site. Partial payment against partial delivery at OGDCL Sites within the delivery period is allowed. Invoices will be processed after successful receipt at site, handing over to OGDCL and satisfactory inspection report from OGDCL site. Before each partial delivery, successful bidder has to give 20 days' advance written intimation to OGDCL.

### **31. Requirements for Bid Submission**

<b>Sr. No.</b>	<b>Clause</b>	<b>Compliance by Bidder</b>
31.1	Bidder must have at least 5 years manufacturing experience of manufacturing Porta Cabins. Record to be provided with technical bid.	
31.2	Bidder has to submit proof of selling at least 100 Porta cabins in last 10 years for which it has to provide the copies of purchase orders along with Technical bid mentioning the following. i. Name of purchaser company ii. Detail of project iii. Quantity of Porta Cabins Supplied iv. Year of manufacturing v. Bidder has also to provide certificate of satisfaction from Purchaser.	
31.3	Bidder to submit details of its manufacturing facility mentioning address, contact No. and focal Person details with mobile number and email address in technical bid.	
31.4	Bidder should be Sales Tax and NTN Registered. Copy of valid sales tax and NTN certificate to be provided with technical bid.	
31.5	Only minimum PEC C-3 registered firms are acceptable. Bidder has to submit copy of valid requisite certificate.	
31.6	Only firms having minimum turnover of PKR 50 million per year for the last three years shall be eligible for qualification. Bidder has to provide its verified bank statement in original OR financial audit report for the years 2017-18, 2018-19 and 2019-20 with its technical bid for eligibility. Non-compliance will result in rejection of the bid.	
31.7	Bidder must have its own manufacturing Facility. Outsourcing of whole job is not allowed.	
31.8	Bidder and their directors should not be black-listed from any Government, Semi-Government, Foreign Country/Institution and International Organization. Bidder should have to give an affidavit in this regard.	
31.9	In the technical bid, bidders should specify the brands of all items mentioned (as per Annexure-5) in this TOR which are to be installed in Porta Cabins.	



SEE DETAIL = 'X'



Rev/No	Revision note	Date	Signature	Checked
Item Ref	Quantity	Tit e/Name, designation, material, dimension etc	Checked by	Article No./Reference
CAD BY	Abid -ussain Shah	Muhammad Arif	Approved by	Siraj Ahmad
Drawing No.	XXXXXXXXXX	Computer Code	DATE	24-05-2021
Article No./Reference	FABRICATED PORTA CABIN DOOR SECTION DETAIL.			
Project:	PORTA CABIN DOORS			
Scale	XXXXXX			
Sheet	XXXXXX			

Owner  
**Oil & Gas Development Company Ltd.**  
 Petroleum Engineering & Facilities Dept.  
 Production Division  
 ISLAMABAD



**Detail of Porta Cabins**

Detail of Porta Cabins Required is as under.

Sr. No	Type of Porta Cabin	Qty Required
1	Porta Cabins (Residential), 40'x 10' portioned in two compartments and each to be furnished with living arrangements of two person per compartment. Both compartments to be furnished with sofa chairs 4 Nos., center table, writing table, table lamp, revolving chair, wardrobe and fitted with Heat & Cool DC Inverter AC 1.5 Ton. Each compartment should have attached washroom fitted with Geyser. (For TOGH FM and reliever). Specifications as per Annexure-1, 2, 3 & 4.	01
2	Porta Cabins (Residential), 40'x 10' portioned in three compartments. Each compartment to be furnished with living arrangements of two person per compartment with center table, lamp, and wardrobe fitted with Heat & Cool DC Inverter AC 1.5 Ton. Each compartment should have attached washroom fitted with Geyser. (for Staff House A of TOGH) Specifications as per Annexure-1, 2, 3 & 4.	4
3	Porta Cabins (Residential), 40'x 10' portioned in four compartments. Each compartment to be furnished with living arrangements of two person per compartment with center table, lamp and wardrobe fitted with Heat & Cool DC Inverter AC 1.5 Ton. (10 for Kunnar, 01 for TOC, 01 for Pasakhi, 01 for Daru and 2 for Staff House B of TOGH) Specifications as per Annexure-1, 2 & 3.	15
4	Porta Cabins (Residential), 40'x 10' portioned in four compartments. Each compartment to be furnished with living arrangements of Four person per compartment with center table, lamp and wardrobe fitted with Heat & Cool DC Inverter AC 1.5 Ton. (2 for Nur Bagla, 02 for TOC, 02 for Pasakhi, 02 for Daru and 10 for Staff House C of TOGH) Specifications as per Annexure-1, 2 & 3.	18
5	Porta Cabins (Office cum Residential), 40'x 10' portioned in three compartments. One compartment to be furnished as office with attached washroom fitted with Geyser. Office to be furnished with two file cabinets, two office tables, two computer tables, two revolving chairs, four visitor chairs as minimum. 2 <sup>nd</sup> compartment to be furnished as 2 bed living room with attached washroom fitted with Geyser and 3 <sup>rd</sup> compartment to be furnished as 4 bed living room. Both residential compartments to be furnished with center table, writing table, lamp, revolving chair, and wardrobe. All compartments to be fitted with Heat & Cool DC Inverter AC 1.5 Ton. (For Tando Allah Yar). Specifications as per Annexure-1, 2, 3 & 4.	01
6	Porta Cabins (Office cum Residential), 40'x 10' portioned in Four compartments. One compartment to be furnished as office with two file cabinets, two office tables with side racks, two revolving chairs, four visitor chairs as minimum. 2 <sup>nd</sup> compartment to be furnished as 2 bed living room. 3 <sup>rd</sup> compartment to be furnished as 4 bed living room. Both residential compartment to be furnished with center table, lamp and wardrobe. 4 <sup>th</sup> compartment to be constructed as store room with proper racks. All compartments to be fitted with Heat & Cool DC Inverter AC 1.5 Ton. (For Kunnar). Specifications as per Annexure-1, 2 & 3.	01
7	Porta Cabins (Dining Room cum TV Room), 40'x 10' furnished with necessary furniture fitted with 03 Nos. Heat & Cool DC Inverter AC 1.5 Ton as minimum, Capacity 20 persons as minimum for dining and 12 for TV. (For Staff House A, B and C of TOGH), Specifications as per Annexure-1, 2 & 3.	03
8	Porta Cabin (Office), 40'x 10' portioned in Two compartments of size 30'x10' and 10'x10' with common washroom in center. One Compartment to be furnished as executive office and the other to be staff office. 30'x10' office to be fitted with 02 Nos. Heat & Cool DC Inverter AC 1.5 Ton and 10'x10' office to be fitted with 01 Nos. Heat & Cool DC Inverter AC 1.5 Ton. Both offices to be furnished with necessary office furniture including but not limited to file cabinets, office tables, computer tables, revolving chairs, visitor chairs etc. (Successful bidder should get the exact furniture approval from OGDCL at the stage of manufacturing). (01 Nos. for FM Nashpa and his PA, 01 Nos. for RSO and his staff, 01 Nos. for Admin Officer and his staff, 01 Nos. for Radio Room + Systems Services Office) Specifications as per Annexure-1, 2, 3 & 4. All offices are for Nashpa.	04
9	Porta Cabins (Office), 40'x 10' portioned in three compartments of size 20'x10'+10'x10'+10'x10' along with washroom with 20'x10' compartment. All compartments to be furnished as office with necessary office furniture including but not limited to file cabinets, office tables, computer tables, revolving chairs, visitor chairs etc. (Successful bidder should get the exact furniture approval from OGDCL at the stage of manufacturing). All compartments to be fitted with Heat & Cool DC Inverter AC 1.5 Ton. (01 Nos. for Production, 01 Nos for PE&FD, 01 Nos. for Accounts +TPT). All offices are for Nashpa. Specifications as per Annexure-1, 2, 3 & 4.	03
10	Porta Cabin (Office cum residential), 20'x 10' Portioned in two compartments. One compartment to be furnished as office fitted with Heat & Cool DC Inverter AC 1.5 Ton, with two file cabinets, one office table, one computer table, one revolving chair, four visitor chairs as minimum. A glass of size 4'x4'to be fitted in wall facing office table. 2 <sup>nd</sup> compartment to be furnished with living arrangements of Four person per compartment with center table, lamp and wardrobe fitted with Heat & Cool DC Inverter AC 1.5 Ton ( One each for Pasakhi-5, Pasakhi-2, Pasakhi North-3, Sono-4, Sono-7 and Lashari-5) Specifications as per Annexure-1,2&3.	06
11	Porta Cabin (Mosque), 40' x 60', fully carpeted, furnished with 10 Nos. Heat & Cool DC Inverter AC 1.5 Ton, closet for Holy Quran, complete sound system etc. (both external and internal) (for Nashpa camp).	01
12	Porta Cabin (Mosque), 40' x 10', fully carpeted, furnished with 03 Nos. Heat & Cool DC Inverter AC 1.5 Ton, closet for Holy Quran, complete sound system etc. (both external and internal) (for Nashpa office).	01
	<b>Total</b>	<b>58</b>

**TOR for Split AC****1. SPECIFICATIONS:**

Split AC, DC Inverter (Heat & Cool), Wall Mounted, Capacity 1.5 Ton (Minimum), LED Display, Color: White/Gray/Mirror. Brand New & Unused, low voltage consumption, Wifi availability. Reputed brand.

**2. COMPLIANCE BY BIDDER**

<b>Sr. #</b>	<b>Clause</b>	<b>Compliance by Bidder</b>
1	Quoted AC Brand	
2	Quoted AC Made in?	
4	Quoted AC minimum 60% energy saver.	
5	Quoted AC Warranty Period for Parts and Services	
6	Quoted AC Warranty Period for Compressor	
7	Bidder to confirm that warranty period will start from successful commissioning date of AC's at site.	
8	Bidder to confirm that their company will be responsible for any warranty/guarantee claims during the warranty period. OGDCL will not contact with the brand service center for warranty claims.	
9	Bidder to confirm that it will have to arrange for initial inspection of AC's at its warehouse before installation (if contract awarded).	
11	Bidder to confirm that it will approve from OGDCL the latest model of quoted brand before procuring it. Brand quoted in bid cannot be changed at later stage.	
12	Bidder to confirm that final inspection of AC's will be at OGDCL site.	

**TOR for Electric Geyser****1. SPECIFICATIONS:**

Electric Geyser, Capacity 50 Liters (Minimum), Wall Mounted, Analog/Digital Display, Brand New & Unused of reputed brand.

**2. COMPLIANCE BY BIDDER**

<b>Sr. #</b>	<b>Clause</b>	<b>Compliance by Bidder</b>
1	Quoted Geyser Brand	
2	Quoted Geyser Made in ?	
3	Quoted Geyser Warranty Period for Parts and Services.	
4	Bidder to confirm that warranty period will start from successful commissioning date of Geysers at site.	
5	Bidder to confirm that their company will be responsible for any warranty/guarantee claims during the warranty period. OGDCL will not contact with the brand service center for warranty claims.	
6	Bidder to confirm that it will have to arrange for initial inspection of Geysers at its warehouse before installation (if contract awarded).	
7	Bidder to confirm that it will approve from OGDCL the latest model of quoted brand before procuring it. Brand quoted in bid cannot be changed at later stage.	
8	Bidder to confirm that final inspection of Geysers will be at OGDCL site.	

## Annexure-5

Bidder to provide best reputed brands of following items with his technical bid on his Company Letter Head. In case, the quoted brand of any item is found of low quality or inappropriate, bidder will have to replace it with best reputed brand during technical clarifications. The bidder will be bound to use the same finalized brands in case of award of contract.

<b>Sr. No.</b>	<b>Material Description</b>	<b>Quoted Brand</b>
1	AC	
2	Geyser	
3	Door Locks	
4	Automatic Door Closure	
5	Cable for wiring inside Porta cabins	
6	4 Core Cable for outside Porta cabins	
7	ELCB Breaker	
8	Industrial Plug & Socket 5 Pin	
9	Industrial Plug & Socket 3 Pin	
10	Switch	
11	Socket	
12	15 Ampere Power Plug	
13	13 Ampere Power Plug	
14	LED Lights	
15	Weather Proof Head Lights	
16	Emergency Lights	
17	Flood Light 250 W	
18	False Ceiling Fan	
19	Exhaust Fan	
20	Bathroom accessories (item wise 21.2 to 21.15 of SOR)	
21	Plumbing / Sewerage (item wise 22.1 to 22.3 of SOR)	
22	Red Oxide Paint	
23	Weather Shield Paint	
24	Epoxy Paint	
25	Smoke Detector	
26	Fire Extinguisher	
27	Mattress	
28	Wall Clock	
29	Pillow	
30	Bed Sheet	
31	Towel	
32	Any other item	