

**Bid Document**

<b>Bid Details</b>	
Bid End Date/Time	19-12-2018 15:00:00
Bid Validity	90 (Days)
Ministry/State Name	Ministry Of Home Affairs
Department Name	Central Armed Police Forces
Organisation Name	Indo Tibetan Border Police (itbp)
Office Name	19 Bn Itbp
Total Quantity	1
Item Category	Mobile Toilet
MSE Exemption For Years Of Experience And Turnover	Yes

**Mobile Toilet ( 1 )**

**Technical Specifications**

[\\* As per GeM Category Specification](#)

<b>Specification</b>	<b>Specification Name</b>	<b>Values</b>	<b>Allowed Values</b>
GENERIC	<b>Mode of Supply</b>	Assembled Ready To Use	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
	<b>Number of Compartments</b>	4-seater mobile toilet	4-seater mobile toilet, 6-seater mobile toilet, 8-seater mobile toilet, 10-seater mobile toilet
	<b>Type of WC</b>	Indian with steel base	Indian with ceramic base, Indian with steel base, Indian with FRP, Indian(FRP) with integrated facility(With floor), European with ceramic base, European with steel base

<b>Number of WC</b>	4	*
<b>Number of Bathrooms</b>	0	*
<b>Number of Urinals</b>	0	*
<b>Water facility</b>	By mean of overhead tank(Capacity 500Ltrs)	By mean of overhead tank(Capacity 200Ltrs), By mean of overhead tank(Capacity 300Ltrs), By mean of overhead tank(Capacity 500Ltrs), By mean of overhead tank(Capacity 1000Ltrs), By mean of overhead tank(Capacity 1200Ltrs), Direct connection from external supply
<b>Wash basin</b>	2 Nos. outside the Unit with common facility	1 No. in each WC unit(inside), 1 No. in each WC and Urinal unit, 2 Nos. outside the Unit with common facility, 4 Nos. outside the Unit with common facility
<b>Sewage facility</b>	Sludge tank (capacity-600ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 6-seater)	Sludge tank (capacity-400ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 4-seater), Sludge tank (capacity-600ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 6-seater), Sludge tank (capacity-1400ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 8-seater), Sludge tank (capacity-1200ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 10-seater), Sludge tank (capacity-2000ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 10-seater), Provision for directly connected to septic tank/sewage

	<b>ventilation</b>	One No.	One No., Two No., Full size cross ventilation
	Top(roof) shape	Slanting/tapper	*
	<b>Projection of Roof</b>	50mm projection on all the four sides(slanting shape)	50mm projection on all the four sides(slanting shape), 100mm projection from front and 50mm projection on other sides(slanting shape), 50mm projection from front and 25mm projection on other sides(slanting shape), NO projection
	<b>Installation and commissioning</b>	To be done by seller	To be done by seller, To be done by Consignee himself
	<b>Plumbing and Sanitation fitting connections</b>	To be done by seller	To be done by seller, To be done by Consignee himself
	<b>Electrical connections</b>	To be done by seller	To be done by seller, To be done by Consignee himself
	<b>Waste extraction fitting</b>	To be done by seller	To be done by seller, To be done by Consignee himself
	<b>Civil foundation</b>	No foundation required	No foundation required, Required - To be done by seller, Required - To be done by consignee himself
TRAILER STRUCTURAL MATERIAL	<b>Trailer frame(Chassis) material with support material including pathway</b>	75/70 X 40/35 mm channel section - 35 X 35 X 5 mm angle iron - 50 X 25 x 1.6 mm MS pipe and cross support of 20 X 20 X 1.6 mm MS pipe	100mm X 50mm C-channel MS - 75mm X 37.5mm C-channel MS - 40mm X 40mm X 5mm (thick) MS angle - 40mm X 40mm X 5mm (thick) MS Tee - 35mm X 35mm X 5mm (thick) MS angle and 25mm X 25mm X 3mm (thick) MS angle for 4-seater/6-seater/8-seater and 10-seater, 75/70 X 40/35 mm channel section - 35 X 35 X 5 mm angle iron - 50 X 25 x 1.6 mm MS pipe and cross support of 20 X 20 X 1.6 mm MS pipe
	<b>Railing material</b>	38mm X 25mm MS pipe of thickness	38mm X 25mm MS pipe of thickness

		1.2-1.5mm (for 4-seater, 6-seater, 8-seater & 10-seater)	1.2-1.5mm (for 4-seater, 6-seater, 8-seater & 10-seater), 38mm X 25mm SS pipe of thickness 0.6-0.8mm (for 4-seater, 6-seater, 8-seater & 10-seater), 20mm round pipe fixed on sliding platform
	<b>Trailer understructure</b>	Spring leaves 710mm with 9 leaves for 4-seater and 6-seater	Spring leaves 710mm with 9 leaves for 4-seater and 6-seater, Spring leaves 914mm with 13 leaves for 8-seater and 10-seater
	Turn table/rotor	100mm X 50mm MS channel and 10mm thick MS plate plus spring ply 40mm X 5mm	*
	Pathway passage/slide platform	Aluminum chequered sheet having width of 455mm	*
	Stairs frame material	35mm x 35mm X 5mm MS angle and 25mm x 25mm x 3mm MS angle with 25mm x 3mm MS Flat	*
	Stairs size	710mm X 230mm having 4-step for 1420mm Height and 735mm width stair	*
	Locking	Locking pins to be provided for lock the platform	*
	<b>Tow bar</b>	Made of 100 X 50 mm channel section with easy detachable and connect with turn table	Made of 100 X 50 mm channel section with easy detachable and connect with turn table, Without Tow Bar
FRAME MATERIAL	<b>Side panel frame material</b>	35mm X 35mm X 5mm(thick) ,25mm X 25mm X 3mm(thick) MS angle (for 4-seater/ 6-seater/8-seater & 10-seater)	35mm X 35mm X 5mm(thick) ,25mm X 25mm X 3mm(thick) MS angle (for 4-seater/ 6-seater/8-seater & 10-seater), No side frame structure
	<b>Top(roof) frame material</b>	40mm X 40mm X 5mm(thick) ,35mm X 35mm X 5mm(thick),25mm X 25mm X 3mm(thick) MS angle	40mm X 40mm X 5mm(thick) ,35mm X 35mm X 5mm(thick),25mm X 25mm X 3mm(thick) MS angle, NO top(roof)

		frame structure
<b>Top(roof) support frame structure</b>	40mm X 5mm(thick),35mm X 5mm(thick),25mm X 3mm(thick) MS flat	40mm X 5mm(thick),35mm X 5mm(thick),25mm X 3mm(thick) MS flat, NO top(roof) support frame
<b>Partition frame material</b>	35mm X 35mm X 5mm(thick),25mm X 25mm X 3mm(thick) MS angle	35mm X 35mm X 5mm(thick),25mm X 25mm X 3mm(thick) MS angle, NO partition frame material
Ventilation frame material	25mm X 25mm X 3mm(thick) flat MS	*
<b>Door frame material</b>	50mm X 25mm of 14-16gauge rectangular MS hollow pipe	50mm X 25mm of 14-16gauge rectangular MS hollow pipe, 50mm X 25mm of 14-16gauge rectangular SS hollow pipe, No door frame material
<b>Support material for Door panel fixing</b>	Aluminium U-channel of 18gauge	Aluminium U-channel of 18gauge, SS U-channel of 18gauge, No support material
Door hinges(two numbers)	75mm size with 1.2-1.5mm thickness MS	*
<b>Tank holder frame material</b>	25mm X 3mm (thick) MS flat	25mm X 3mm (thick) MS flat, 1125mm X 820mm outer ring(tubular structure)-MS
PANEL MATERIAL	<b>Side panel material</b>	Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated 40mm thick EPS panel(EPS Density-16Kg/CuM EPS thickness-38mm and steel sheet thickness 0.6mm 275MPA)
		5mm thick ply core sandwich with 1mm thick FRP from both sides(5+1+1mm), 18 gauge MS sheet, Fitted with plastic light weight LLDPE roto moulded, Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated 40mm thick EPS panel(EPS Density-16Kg/CuM EPS thickness-38mm and steel sheet thickness 0.6mm 275MPA), 18 gauge aluminum sheet, corrugated steel sheet
	<b>Top(Roof) panel material</b>	Zero spangled cold rolled 120 GSM
		2mm thick FRP translucent sheet, 5mm

	galvanised(galvano) powder coated 40-70mm thick taper roof EPS panel(EPS Density-16Kg/CuM EPS thickness-38mm and steel sheet thickness 0.6mm 275MPA)	thick ply core sandwich with 1mm thick FRP from both side(5+1+1 mm), Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated 40-70mm thick taper roof EPS panel(EPS Density-16Kg/CuM EPS thickness-38mm and steel sheet thickness 0.6mm 275MPA), 4mm poly carbonate sheet fitted on top, Fitted with plastic light weight LLDPE roto moulded, 4mm polycarbonate sheet with U channel for water drain
<b>Door panel material</b>	Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated with necessary stiffeners (steel sheet thickness 0.6mm 275MPA)	5mm thick ply core sandwich with 1mm thick FRP from both sides(5+1+1mm), Single layer 3mm thick FRP, Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated with necessary stiffeners (steel sheet thickness 0.6mm 275MPA), Outside paneling of 18 gauge aluminum sheet(corrugated sheet), Fitted with plastic light weight LLDPE roto moulded
<b>partition panel material</b>	Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated 40mm thick EPS panel(EPS Density-16Kg/CuM EPS thickness-38mm and steel sheet thickness 0.6mm 275MPA)	5mm thick ply core sandwich with 1mm thick FRP from both sides(5+1+1mm), Single layer 3mm thick FRP, Zero spangled cold rolled 120 GSM galvanised(galvano) powder coated 40mm thick EPS panel(EPS Density-16Kg/CuM EPS thickness-38mm and steel sheet thickness 0.6mm 275MPA), Fitted with plastic light weight LLDPE roto moulded
<b>Floor material</b>	5mm thick FRP material	5mm thick FRP material, 1.5-2.0mm

			thick SS 304 material, Fitted with plastic light weight LLDPE roto moulded, Anti skid tile finish floor inside toilet
DIMENSION	<b>Size of each cubical(LXWXH) ± 25mm</b>	915mm X 915mm x 1980mm	890mm X 840mm X 1980mm, 915mm X 915mm x 1980mm, 1220mm X 915mm X 1980mm, 915mm X 435mm X 1955mm, 1220mm X 1220mm X 1980mm, 1000mm X 915mm X 2000mm, 1143mm x 890mm x 1980mm, 1778mm x 1143mm x 1980mm, 3658mm x 2438mm x 1980mm, 4877mm x 2438mm x 1980mm
	Door size(WxH) ± 20mm	585mm x 1830mm	*
	Ventilation size(WXH) ± 10mm	838mm X 150mm(above door) plus 838mm X 75mm(opposite side)	*
	Partition height ± 20mm	1830mm	*
	Single pan size ± 10mm	As per buyer's choice	*
	<b>Overall Length(mm) ± 25mm</b>	3045mm for 4-seater	*
	<b>Overall Width including pathway(mm) ± 25mm</b>	2700mm for 4/6/8 and 10-seater	2700mm for 4/6/8 and 10-seater, 2438mm for 4 and 6 seater, 3200mm (with path way) for 10(in two rows) seater and 2100mm without pathway
	Total height ± 25mm	3200mm	*
SEWAGE SUCTION UNIT	Capacity of sewage suction unit	N.A	*
	Length of sewage suction unit ± 25mm	N.A	*
	Width of sewage suction unit ± 15mm	N.A	*
	Capsule Diameter	N.A	*
	Capsule Thickness	N.A	*
	Chassis size of sewage	N.A	*

	suction unit		
	Suction pump	N.A	*
	Valve for sewage suction unit	N.A	*
	Axle for sewage suction unit	N.A	*
	Tyres for sewage suction unit	N.A	*
	Spring leaves for sewage suction unit	N.A	*
MISC	Door locking bolts	Size 100mm of MS	*
	Tower bolt locking	Tower bolt of MS size 75mm	*
	Overhead Tank material	made of double layer HDPE sheet	*
	Wash basin material	made of SS 304	*
	WC material	made of FRP(fiber reinforced plastic)	*
	Towel rail/ring	made of SS	*
	Cloth hook	made of SS 304	*
	P-trap material	made of HDPE(75mm)	*
	<b>Footrest(WC) material</b>	made of FRP integrated with Indian WC and floor	made of FRP integrated with Indian WC and floor, made of SS 304 integrated with Indian WC and floor, made of Ceramic integrated with Indian WC and floor, N.A
	Sewage tank material	Sludge tank made of FRP 4mm(for 4-seater/6-seater/8-seater & 10-seater)	*
	<b>Mirror size</b>	380mm X 255mm	455mm X 305mm, 380mm X 255mm, NO mirror
	Electric provision	By mean of connection from external supply	*
	Sewage provision	Connected to bio-digester	*
	Level indicator provision	To be provided in every sewer / sludge tank to know the level of sludge and plan to get it evacuated	*
Water supply connection	UPVC pipe connection with all toilet	*	



	interconnecting	
<b>Seat cistern fitting</b>	By PVC flush pipe to toilet seat	By PVC flush pipe to toilet seat, Ceramic cistern to toilet seat, NO cistern
Soap stand	SS 304 made Size:125 X 75 mm	*
Tap material	HDPE push cock	*
Base floor surface	To be suitably slanted towards WC for proper drainage(for Indian WC)	*
<b>Trailer Movement facility</b>	Two axle of 50mm X 50mm X 1828mm with 4-tyres of size 6.00 X 16 with hubs and bearings for 4-seater and 6-seater	Two axle of 50mm X 50mm X 1828mm with 4-tyres of size 6.00 X 16 with hubs and bearings for 4-seater and 6-seater, Two axle of 57mm X 57mm X 2133mm with 4-tyres of size 7.50 X 16 with hubs and bearings for 8-seater and 10-seater, One axle of 50mm X 50mm X 1828mm with 2-tyres of size 6.00 X 16 with hubs and bearings for 4-seater and 6-seater, One axle of 89mm X 89mm X 1676mm with 2-tyres of size 9.00 X 20 with hubs and bearings for sludge unit, One axle of 89mm X 89mm X 1778mm with 2-tyres of size 9.00 X 20 with hubs and bearings for sludge unit, two axle of 75 X 75 mm with hub of 8 bolt with bearing size 32213 with 4-tyres of size 7.5 X 16
Provision for vent pipe	From sludge/Septic tank	*
Water mug(standard size)	SS 304	*
Electric point	1 No. electric point to be provided in all toilet 2 watt LED	*
Stand provision to keep mobile toilet in static position	To keep safe Tyre, Tube , rim and their maintenance	*

COLOUR & FINISH	Colour of cabin	As per buyer's choice	*
	Finish	With Primer and Paint	*
CERTIFICATION	Test reports to be furnished to buyer's on demand	YES	*
	OEM of offered product is ISO 9001:2015 certified	YES	*
WARRANTY	<b>Warranty period in number of years</b>	1	1, 2, 3

\* Bold specifications are the golden parameters.

### Consignees and Quantity

S.No.	Consignee	Address	Quantity	Delivery Days
1	Bishal Rai	172034,19 TH BN ITBP BONDA SARAHAH TEH RAMPUR	1	20

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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### Splitting

Bid splitting not applied.

## Buyer Specific Additional Terms and Conditions

- 1. Scope of supply (Bid price to include all cost components) :** Supply Installation Testing and Commissioning of Goods
- 2. Procurement under this bid is reserved for purchase from :** Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category.
- 3. Purchase preference will be given to MSME and Startup (Local supplier) : (if L-1 is not from selected category and 4 / 5 Seller (s) from selected category has/have quoted price within L-1 + Local Supplier as defined in Public Procurement (Preference to Make in India - 20%), Order 2017 and its subsequent Orders / Notifications issued by concerned Nodal Ministry for specific Goods/ Products % of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and award contract for percentage of total value as defined/ decided in relevant policy) Local Supplier as defined in Public Procurement (Preference to Make in India - 20%), Order 2017 and its subsequent Orders / Notifications issued by concerned Nodal Ministry for specific Goods/ Products**

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**