

### Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 20:00:00
Bid Opening Date/Time	27-07-2020 20:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Army
Office Name	*****
Total Quantity	6
Item Category	Mobile Toilet
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Post Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers

### EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	120000

### ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	2.00
Duration of ePBG required (Months).	12

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

**Beneficiary:**

Buyer

118 Engineer Regiment, Binnaguri Cantt, Binnaguri, Jalpaiguri, West Bengal 735232  
(Shivam Awasthi)**Splitting**

Bid splitting not applied.

**Mobile Toilet ( 6 pieces )****Technical Specifications**[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERIC	<b>Mode of Supply</b>	Knocked Down To Be Assembled At Consignee Site By The Seller	Knocked Down To Be Assembled At Consignee Site By The Seller
	<b>Number of Compartments</b>	10-seater mobile toilet	4-seater mobile toilet, 6-seater mobile toilet, 8-seater mobile toilet, 10-seater mobile toilet
	<b>Type of WC</b>	European with ceramic base	European with ceramic base
	<b>Number of WC</b>	10	*
	<b>Number of Bathrooms</b>	10	*
	<b>Number of Urinals</b>	10	*
	<b>Water facility</b>	By mean of overhead tank(Capacity 500Ltrs)	By mean of overhead tank(Capacity 500Ltrs)
	<b>Wash basin</b>	1 No. in each WC and Urinal unit	1 No. in each WC and Urinal unit
	<b>Sewage facility</b>	Sludge tank (capacity-400ltrs) with 100mm outlet facility through butterfly valve and hose pipe(For 4-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.
Top(roof) shape	Slanting/tapper	*
<b>Projection of Roof</b>	NO projection	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 Consignee himself	To be done by Consignee himself
<b>Plumbing and Sanitation fitting connections</b>	To be done by Consignee himself	To be done by Consignee himself
<b>Electrical connections</b>	To be done by Consignee himself	To be done by Consignee himself
<b>Waste extraction fitting</b>	To be done by Consignee himself	To be done by Consignee himself
<b>Civil foundation</b>	Required - To be done by consignee himself	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 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>	20mm round pipe fixed on sliding platform  38mm X 25mm MS pipe of thickness 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 914mm with 13 leaves for 8-seater and 10-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  *

FRAME MATERIAL	Pathway passage/slide platform	Sliding type made of 35 X 35 X 5mm angle iron with cross support of 25mm flat iron and top of 1.6mm aluminum chequered sheet	*
	Stairs frame material	Made of MS pipe frame of 25 X 25 X 1.6mm with steps of aluminum chequered sheet(folding type)	*
	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>	Without Tow Bar	Made of 100 X 50 mm channel section with easy detachable and connect with turn table, Without Tow Bar
	<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 25 mm X 3mm(thick) MS angle	35mm X 35mm X 5mm(thick),25mm X 25 mm X 3mm(thick) MS angle, NO partition frame material
	Ventilation frame material	Exhaust facility	*
	<b>Door frame material</b>	50mm X 25mm of 14-16gauge rectangular SS 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 0.6-0.8mm thickness SS	*
PANEL MATERIAL	<b>Tank holder frame material</b>	25mm X 3mm (thick) MS flat	25mm X 3mm (thick) MS flat
	<b>Side panel material</b>	Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns	Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns

	epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickness-38mm having density 40kg/CUM $\pm 2$ kg/CUM	epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickness-38mm having density 40kg/CUM $\pm 2$ kg/CUM
<b>Top(Roof) panel material</b>	Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickness-38mm having density 40kg/CUM $\pm 2$ kg/CUM	2mm thick FRP translucent sheet, 5mm 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, Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickness-38mm having density 40kg/CUM $\pm 2$ kg/CUM
<b>Door panel material</b>	Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickness-38mm having density 40kg/CUM $\pm 2$ kg/CUM	Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickness-38mm having density 40kg/CUM $\pm 2$ kg/CUM
<b>partition panel material</b>	Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickness-38mm having	Insulated walls to be made of continue line sandwich panels with 0.35mm thick pre-coated steel sheet(PPGI SHEET) having 120 GSM with minimum 4 microns epoxy primer on both sides of sheet and polyester top coat min 15 microns on both sides of PUF with polyurethane foam(PUF) thickness-38mm having

		density 40kg/CUM $\pm 2$ kg/CUM	density 40kg/CUM $\pm 2$ kg/CUM
	<b>Floor material</b>	1.5-2.0mm thick SS 304 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) <math>\pm 25</math>mm</b>	3658mm x 2438mm x 1980mm	3658mm x 2438mm x 1980mm
	Door size(WxH) $\pm 20$ mm	610mm X 1750mm	*
	Ventilation size(WXH) $\pm 10$ mm	650mm X 40mm	*
	Partition height $\pm 20$ mm	1830mm	*
	Single pan size $\pm 10$ mm	As per buyer's choice	*
	<b>Overall Length(mm) <math>\pm 25</math>mm</b>	5200mm for 10(5+5) seater	*
	<b>Overall Width including pathway(mm) <math>\pm 25</math>mm</b>	3200mm (with path way) for 10(in two rows) seater and 2100mm without pathway	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 $\pm 25$ mm	3040mm	*
SEWAGE SUCTION UNIT	Capacity of sewage suction unit	N.A	*
	Length of sewage suction unit $\pm 25$ mm	N.A	*
	Width of sewage suction unit $\pm 15$ mm	N.A	*
	Capsule Diameter	N.A	*
	Capsule Thickness	N.A	*
	Chassis size of sewage suction unit	N.A	*
	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 SS 304	*
	Tower bolt locking	Tower bolt of SS 304 size 75mm	*
	Overhead Tank material	made of double layer HDPE sheet	*
	Wash basin material	made of Ceramic	*
	WC material	made of Ceramic	*
	Towel rail/ring	made of SS	*
	Cloth hook	NO cloth hook	*

P-trap material	made of HDPE(75mm)	*
<b>Footrest(WC) material</b>	made of Ceramic 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	380mm X 255mm
Electric provision	By mean of connection from external supply	*
Sewage provision	Connected to septic tank	*
Level indicator provision	N.A	*
Water supply connection	UPVC pipe connection with all toilet interconnecting	*
<b>Seat cistern fitting</b>	Ceramic cistern 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	PVC push cock	*
Base floor surface	To be suitably slanted towards WC for proper drainage(for Indian WC)	*
<b>Trailer Movement facility</b>	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 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 on 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	N.A	*
Water mug(standard size)	N.A	*
Electric point	1 No. electric point to be provided in all toilet 2 watt LED	*
Stand provision to keep	N.A	*

	mobile toilet in static position		
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

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

#### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****JALPAIGURI	6	30

#### Bid Specific Additional Terms and Conditions

- 1.Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
- 2.SLBR52
- 3.For clothing and allied items, if pre-dispatch Inspection clause has been selected in the Bid, the Inspection Agency shall forward sample from the accepted lot duly identified/ sealed by it, as Reference Sample to each consignee (one reference sample per consignee) for comparing the lot received at consignee end with such reference sample. Such reference samples will be treated as part of supplied quantity from the lot and cost shall be borne by the Buyer.

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

---Thank You---