

Tentative BOQ for reference of Bidder

Sl.No.	Description	Unit	BHEL OFFICE	CUSTOMER OFFICE
1	Main Structural Wall: Providing structural wall made out of 25mm thick plastocrete concrete filled polymeric section with high density cellular concrete. The fixture will be joined together by tongue and groove method to ensure 100% leak proof. The outer framing structure shall be fabricated with pressed steel of size 75x40x3mm thick with PVC inner sleeve for securing plastocrete panel with span of 1m centre to centre. The above columns will be grouted to the existing PCC flooring by means of ISMC 75 and expansion fasteners. Outer Doors shall be of moulded FRP with necessary hinges, handle, pad locks. The aluminium windows with grills shall be sliding type, covered with flat glass of 4mm thick. The entrance will be provided with 2Nos. portico should have an aesthetic look of size 4mm x 3mm.	sqm	526	262
2	Roof: Providing roof truss made up of enamel painted 40mm square tubular section designed to suit at roof structure with 0.47mm thick GI colour coated roof sheet (PPGI) fixed with fasteners including gutter rain water sports etc all complete	sqm	1068	422
3	False ceiling : Providing frame works made out of enamel painted GI grid work with 250x6mm thick polymeric panel and these panels are joined together by tongue and groove using self tapping screws. cutouts should be made where ever necessary for fixing of electrical fittings, false ceiling for external toilet area not included	sqm	872	337
4	Partition : Providing double side partition made up of enamel painted 25x50mm MS and GI grid and double side paneling with polymeric section of minimum 250x6mm thick with an air gap of minimum 4mm these panels are joined together tongue and groove using self tapping screws all completed as per Instruction of E-I-C	sqm	685	208
5	Modular Furnishing: Providing 1 mastro type table for sit incharge, conference hall table of seating capacity minimum 41Nos, modular office type cubical including cabins, tables, racks, chairs reqd as per schematic drawings / specifications etc all complete			
a)	Mastro type table for site incharge including fixed side written table, mobile pedestal etc	Nos	10	1
b)	Conference hall table size 24'x4' of seating capacity minimum 41Nos	Nos	1	1 FOR 20 PEOPLE
c)	Modular office type cubicle including part cabins 1200mmx750mm with supporting pedestal, keyboard tray, CPU trolley etc., as per enclosed furniture layout drawing			
i)	4-seater cubicle	Nos	14	4
ii)	2-seater cubicle	Nos	11	6
iii)	1-seater cubicle	Nos	1	1
d)	Site incharge chair	Nos	11	1
e)	Chairs for executive and conf. hall	Nos	120	58
f)	Chairs for visitors	Nos	22	10
g)	One seater sofa	Nos	7	0
h)	Two seater sofa	Nos	7	2
i)	Tea-poi	Nos	7	1
j)	Office table size 4 1/2' x 2'	Nos	7	7
k)	Office running table with centre partition size 4' x 2'	Nos	1	0
l)	Half Height Storage (3' X 1.5')	Nos	37	0
6	Electrical & Works: Supplying, fixing and commissioning of electrical works required for modular office all completed as per specification & approved drawing as below. Bidder to supply & install electrical items like Main switch with earth leakage protection (30A TPN) suitable sockets/switch units for A/C points, wires, conduits, tees, bends, clamps, JBs, 5amps socket, Modular switch boards & points for computers & telephone for each table/desk, earthing wires, lighting system shall be designed to meet minimum 300 Lux of modular type suitable for False ceilings. Also, the bidder should take care of aesthetics and energy conservation. A detailed schematic with BOM (brands / makes) of the electrical fittings shall be submitted for approval from BHEL			
a)	Twin tube light 2x36 watts	Nos	80	30
b)	Bulk head fitting	Nos	37	12
c)	Down Light	Nos	16	17
d)	PL Lamp	Nos	18	8
e)	AC Points	Nos	43	11
f)	5 Amps points (UPS & Raw)	Nos	320	120
g)	15 Amps points	Nos	14	
h)	200MM exhaust fan	Nos	14	
j)	Earth pit (40MM GI PIPE WITH 25 X 3MM GI EARTH FLAT & 8 SWG GI WIRE)	Nos	3	
k)	7 SEGMENT DB with ELCB	Nos	6	
7	NETWORKING: Supplying of networking works required for modular office all complete as per specification & approved drawing			
a)	9U network rack	Nos	1	1
b)	24 Port Loaded patch panel	Nos	5	2
c)	Telephone Junction boxes (MDF) Krone type with lock & key	Nos	1	1
d)	Supply & Erection of Data line system such as I/O and Cat6 cable	Rnmtr	105	45
e)	Supply & Erection of voice line system such as I/O and 2 pair Telephone cable	Rnmtr	97	40
f)	Patch cord	Rnmtr	210	90
8	Plumbing Works: Supplying, fixing and commissioning of plumbing works required for modular office all completed as per specification & approved drawing as below. Make: Hindware			
a)	EWC	Nos	14	7
b)	Wash Basin	Nos	9	5
c)	Urinal	Nos	4	5
d)	Tap	Nos	14	5

	e) Shower with Wall Mixer Unit	Nos	3	
	f) SS Sink with Granite Paltform. Make: Crown	Nos	2	1
	g) 5000 Ltr Water Tank With Stand. Make: Reno	Nos	2	1
	h) 6" PVC Pipe. Make:star / Rflex	Rnmtr	120	60
	i) 1 1/2" PVC Pipe. Make:star / Rflex	Rnmtr	140	120
9	Providing split Air-Conditioner with installation including ancillary works, testing and commissioning as per manufacturers guidelines and specification (Make: Voltas/Samsung) (2star rating)			
	a) 1 TR	Nos	17	2
	b) 1.5 TR	Nos	16	9
	c) 2 TR	Nos	10	