

BOQ FOR FURNISHING WORK OF PROPOSED BSVS AT KUNWARPUR, HALDWANI		
SUMMARY		
S.No.	PARTICULARS	AMOUNT (Rs.) (INCL.GST)
1	FURNISHING / INTERIOR WORK (ANNEXURE-1)	
2	AIR CONDITIONING AND ELECTRICAL ITEMS (ANNEXURE-2)	
3	TOTAL...(SI No 01 to 02)	
4	Discounts if any on SI No 03	
5	Grand TOTAL...(SI No 03 - SI No 04) in Figures and words	

(Signature)

Name of Authorised signatory

Designation

Seal/STAMP of Company

ANNEXURE-1					
PROJECT: FURNISHING WORKS OF PROPOSED BSVS AT KUNWARPUR, HALDWANI					
SCHEDULE OF QUANTITIES AND ESTIMATE SPECIFICATIONS FOR FURNISHING WORKS					
S.NO.	DESCRIPTION OF JOBS	QTY	UNIT	Rates	Amount (Rs.)
1	CARPENTRY WORKS				
A	PANELLING - COLUMN / WALL PANELING - LAMINATE FINISH WITH GROOVES				
	<p>Providing and fixing column/wall panelling made out of aluminum hollow section of 65mm x 37mm size 1.5mm thick of JINDAL / INDAL / equivalent as internal frame structure placed horizontally & vertically in 550 mm x 550 mm or 600mm x 600mm center to center or as directed by the Architect.</p> <p>The framework shall be fixed with 12-18 mm thick plywood conforming IS 710 The panelling shall be finished with Laminate , SF laminate , Zurich Laminate , 4mm - 6mm thk toughned glass in white colour of approved shade and colour all complete as per instructions of Architect. The item also includes scaffolding for maximum height upto 4.0 m from floor level. PLEASE NOTE: Mica shade to be approved before execution.</p>	200.00	SFt		
B	STORAGE LOW HEIGHT/ OVER HEAD STORAGES				
	<p>Providing and fixing storage cabinet 750/1200 mm high made out of 19mm thick plywood conforming IS 710 plywood of approved make including the fixing of shelves at 400 mm to 450 c/c and the shutters shall be in 19 mm thick block board and back covered with 8 mm plywood. The top edge shall be 1.5" to 2" thick and finished with 1.0 mm thk. laminate dull white laminate of the approved make and shade with the provision of necessary grooves between the top edge and shutters below. The shutters shall be fixed with S type L hinges of approved make so as to get an equal 8 mm groove between all the shutters at the opening and hinged end of every shutter as per the detailed drawing.</p> <p>The shutter shall be fixed with SS chain from inside so as to open the shutter less than 90 degree and to avoid the breaking of laminate at the hinged end. The shutter shall be finished externally with approved quality 1.0 mm thk. laminate of approved shade and make and internally would be finished with 0.8 mm thk. balancing white or off-white laminate. The rate shall be inclusive of provision of SS "D" type handles 4" or 6" as approved, Godrej or Vijayan locks with 3 keys and all the necessary hardware, fixtures, fittings etc complete in all respects as directed by the Architect. PLEASE NOTE: Mica shade as approved; please confirm before execution</p>	230.00	SFt		

2	TABLES AND COUNTER Providing and supplying Table and Counter IN PROFILE MANNER made out of using 19 mm ply with an underside of 50 mm wide plywood conforming IS 710 ply all along the sides of table top, with computer cpu storage trolley, telescopic key board drawer, monitor brackets, SS cable manager, glass top etc., with storage units below with 3 drawers on hafele telescopic channel complete underside storage with shutter. The bottom of the storage unit to have 75 mm high skirting in mica having size 450 mm x 600 mm x 730 mm, all visible internal surface of drawers and storage shall be Laminate or Zurich Laminate d (1.0 mm thick) in approved shade and brand, complete with necessary hardwares as per specifications. All edges of the plywood conforming IS 710 to be fixed with TW beading patti 10 mm thick with necessary width as required, with external visible surfaces with approved shade of 6 mm thick acrylic surface corian on all visible surfaces of the necessary 2 colours as approved complete with all hardwares as per specifications and drawings and on top 12mm clear glass cristal edge finish. PLEASE NOTE: Mica and corian shade to be approved before execution.				
a	DIRECTOR'S TABLE including side table (5'-6" x 2'-6") as per detail & design.	1.00	Nos.		
b	OFFICER'S TABLE including side table (5'-0" x 2'-6") with glass partition 1'-6" high above working counters incl. etching as per detail & design	5.00	Nos.		
c	INSTRUCTOR'S TABLE (5'-0" x 2'-6") as per detail & design.	3.00	Nos.		
e	CLERICAL COUNTERS 2'-6" wide as per detail & design.	13.75	Rft		
f	Reception counter as per detail & design.	1.00	nos.		
g	Composite leather sofa as per detail & design.	7.50	RM		
h	centre table as per detail & design.	3.00	Nos.		
i	stand for generals & magazines as per detail & design.	1.00	Nos.		
j	linear counters in computer lab as per detail & design.	70.00	Rft		
k	linear workstations in workshop 2'-0" wide as per detail & design.	48.00	Rft		
l	linear workstations in workshop 3'-0" wide as per detail & design.	16.00	Rft		
m	3 seater bench as per detail & design.	6.00	Nos.		
n	3 seater desk as per detail & design.	6.00	Nos.		
o	Providing Plastic armless chair Nilkamal Novella 07	40.00	Nos.		
r	white board	4.00	Nos.		
s	2 tier bunker beds incl. storage cabinets as per detail & design.	36.00	Nos.		
t	double bed incl. side tables	2.00	Nos.		
u	lcd cabinet as per detail & design.	2.00	Nos.		
3	CHAIRS				
a	dining chairs	40.00	Nos.		
b	students chair in computer lab	15.00	Nos.		
c	students chair in workshop	10.00	Nos.		
d	visitors chair	10.00	Nos.		
e	staff chair	4.00	Nos.		
4	Providing, fixing & fabricating pinup board / notice board as per design provided with enamel paint over exposed suracfes and velvet cloth as and where required, complete in all respect.	100.00	Sft		

5	FALSE CEILING				
a	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre,, excluding the cost of painting with : PVC ceiling board with different size and pattern as approved by the Engineer- in-charge and as per manufacturer's specification.	550.60	Sft		
b	same as above but for vertical surface	60.00	rft		
c	MODULAR CEILING Providing and fixing modular false ceiling of 600 mm x 600 mm centre to centre and 18 mm thick square mineral fibre board to be fixed on frame work of Aluminium sections for suspended false ceiling consisting of Aluminium T 2" X 1 1/2" (50 mm X 40 mm) weighing 0.39 kg/m at 60 cms centre to centre and fixed with 1/2" x 1/2" (15 x 15 mm) flanges weighing 0.19 kg/m suspended on 6 mmdia. mild steel rod weighing 0.22 kg/m, fixed on wall and beams including rounding of the edges with aluminium T of 2" x 1 1/2" (50 mm x 40 mm) weighing 0.39 kg/m etc. (All aluminium sections shall be anodized/powder coated) including all labour, material, lifts etc. complete. Make - Armstrong make with silhoutte groove	675.00	Sft		
6	SATIN PAINT: Erecting scaffolding at all levels, preparing the surface by rubbing the surface by sand papers of different grade, removing all dirt, smoke, grease, loose plaster etc. if any from the existing surface cleaning the surface thoroughly and removing all the dirt from the surface. Providing and applying three coats of approved quality plastic paint over the required number of coats of approved cement primer in all internal walls all complete including the carrying out of the necessary lambi work with Birla white putty (2 COATS) as per manufacturers specificcation and finished in plain, clear and smooth or rough surface as per the site condition etc. standard specifications and as directed by the Architect with SATIN PAINT of approved manufacturer of approved shade, colour and pattern and design.	610.60	Sft		
7	KITCHEN /CANTEEN				
a	Burner Stainless Steel Square Gas Stove/Bhatti with Fitted Brass Nut Hose Pipe, High Pressure Regulator, Valve and Gas Lighter (with complete fitting) as approved by the Engineer-in-charge)	4.00	Nos.		
8	P/F Polycarbonate Sheet Shed with frame for open area including all complete fitting	250.00	Sft		
9	Zebra Blinds: Supplying and fixing of blinds of approved shade and design complete with supports, cord etc.	150.00	Sft		

10	Curtains: Supplying and fixing of Febric Blinds Curtain of approved shade and design complete with supports, cord etc.	750.00	Sft		
11	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5 mm size, with top and bottom rail of T-iron 40x40x6 mm, with 40 mm dia steel pulleys, complete with bolts, nuts, locking arrangement, stoppers, handles, including applying a priming coat of approved steel primer. (Main Gate, Staircase, First Floor Near Dormitory)	20.50	Sqm		
12	Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron 'Y' shaped placed 2.4m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5mm thick) wire of high tensile strength of 165 kg/ sq.mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)	158.00	Rmt		
13	Providing & Fixing Focus light with including all complete fitting Model: PRAZE F144L WHNB A5 TGSD Make: Bajaj	12.00	Nos.		
14	Providing stainless steel (Grade 304) Table for 8 peson Size 96" x 40" as approved by the Engineer- in-charge	150.00	kg		
Total					

ANNEXURE-2					
SCHEDULE OF QUANTITIES AND ESTIMATE SPECIFICATIONS FOR AIR-CONDITIONING WORKS & ELECTRICALS					
ITEMS AT PROPOSED BSVS AT KUNWARPUR, HALDWANI					
QUANTITY & RATE ANALYSIS					
S.No.	DESCRIPTION	UNIT	QTY.	Rates	Amount (Rs)
A	(5 STAR rating /Inverter series) Supplying and installation of Hiwall Type Split unit/Cassette with reciprocating/rotary compressor. The units should be complete with evaporating unit, condensing unit, controls, microprocessor control panel & a cordless remote control. (VOLTAS / BLUE STAR / CARRIER)				
1	1.0 TR Hiwall Split Unit	Nos.	2.00		
2	1.5 TR Hiwall Split Unit	Nos.	1.00		
3	2.0 TR Hiwall Split Unit	Nos.	2.00		
	TOTAL FOR HIGH SIDE WORKS				
B	LOW SIDE WORKS				
	Refrigerant piping, Power & Control Cabling, Drain piping and MS stand				
1	Stabilizers 4 kw make: as approved (for input 110 volts & output 220 volt)	Nos	5.00		
2	Drain piping in hard PVC (Prince or Supreme make)with all fittings, supports ,clamps and insulation with 9mm O class 32mm Dia (to be measured beyond free piping provided by company)	mt	110.00		
3	19 gauge Copper piping of adequate size duly insulated with 13 mm thk. O class Nitrile Rubber Insulation. For Hiwall Units	mt	85.00		
4	Providing and fixing 10mm thick square bar M.S. fabricated CAGE GRILLS / CAT WALK for Air-Conditioning out door with Godrej lock to each a/c unit shutter as per sizes available complete .	nos.	5.00		
5	Supply, Installation, Testing & Commissioning of Electric Water Geysers 15 ltr. capacity including all complete fitting	nos.	3.00		
6	S/I/T/C of drinking water cooler confirming to IS: 1475(Part1):2001 latest Storage capacity- 80 Litres MOC external body-fully SS 304, 0.5 mm thick sheet minimum MOC water tank cover lid and bottom sheet - Al. / G.I. as per OEM and epoxy painted MOC internal Storage tank- SS 304 , 0.5 mm thick sheet Input Voltage 230 Volt , 50 Hz, AC single phase Connecting cable- 3core x1.5 m length confirming to IS: 9968 Power factor : as per OEM design Eco friendly refrigerant (Non CFC) Energy Consumption- as per OEM design Push Type Taps - 2 nos. Warranty from date of installation and commisioning : 1 year Cooling capacity- 40 Ltr/Hr	nos.	2.00		

7	S/I/T/C Electronic Voltage Stabilizer Electronic voltage stabilizer, wall mounted, ABS body, Single phase, 50 Hz, IC tech, copper wound ,ISI specified Voltage fluctuation range : 170 to 270 V(minimum), Digital display Ammeter/Voltmeter, built in thermal protection, under and over voltage cut out ,standard length of wire 3cx2.5mm2 warranty period – 2 years minimum Capacity 4 KVA	nos.	2.00		
8	S/I/T/C of drinking water purifier Type of water purification technology - RO+UV Input power voltage range - 180 - 260 VAC, 1 PH, 50 Hz. Design value of input water TDS to the system - 2000 mg/Ltr maximum Output water quality confirming to standard IS : 10500 (Latest) Type of mounting - wall mounting Frame - stainless steel (SS-304) Inlet water - Normal water supply through tap (borewell water) High pressure pump - Copper wound booster pump as per OEM standard Membrane type - 0.0001 mm RO membrane UV lamp acceptable range - as per OEM design Pre filter- As per OEM design Carbon filter - As per OEM design Warranty - One Year as per OEM standard Capacity of water purifier -50 LPH	nos.	2.00		
9	Supply and Fixing of wall mounted fans sweep 400 mm 50W Hi flow model CG make or equivalent (BM,counters,RMME, Public Space, co,)	nos.	34.00		
10	3,300 lumens color/white brightness, Native XGA resolution, 4:3 Performance, 12000 hours lamp life, HDMI Ports, USB 2.0 support, Upto 350 inch Projection, 15,000:1 contrast ratio, RGB liquid crystal shutter projection system (3LCD), D-Sub 15pin: 1, HDMI: 1, Zoom: 1.44 - 1.95 (Wide to Tele) Ratio, 1.00 – 1.35 (Digital Zoom) Throw Ratio, Focal Length: 16.70 mm, No Optical Zoom / Focus (Manual) 210 W Durability, Kensington Lock, Security Bar, Password Protection, Noise Level : 37dB, 3 yrs onsite Warranty, 1 yr warranty for Lamp, 2D, Auto source search, built in speaker 2 watt, horizontal and vertical keystone, 1.76 m projection Distance. Should be from Reputed brands only. Light weight, with remote control with Roof hanging stand	nos.	1.00		
11	Double door Branded Refrigerator (Capacity- 300- 350 ltr. With 5 Star Rating) as approved by the Engineer- in-charge	nos.	1.00		
12	Microwave Oven of reputed brand (Capacity- 30 ltr. With 5 Star Rating) as approved by the Engineer- in-charge	nos.	1.00		
13	Mixer Grinder of reputed brand (5 Star Rating) as approved by the Engineer- in-charge)	nos.	1.00		
	TOTAL FOR LOW SIDE WORKS				
	SUMMARY:				
	HIGH SIDE WORKS				
	LOW SIDE WORKS				
	GRAND TOTAL FOR AIR-CONDITIONING WORKS & ELECTRICAL ITEMS				