

TENDER FOR PROPOSED INTERIOR WORKS OF 5 AGM BUNGALOW'S AT E-3 ARERA COLONY BHOPAL

S.NO	SOR NO.	PARTICULARS OF ITEMS	QTY	UNIT	RATE	AMOUNT
		"INTERIOR WORKS"				
1	3.1	GYPSUM BOARD FALSE CEILING.				
		Providing and fixing false ceiling at all height including providing and fixing of frame work made galvanized M.S. sections 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, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long.				
		Fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of Engineer in charge including cost of painting the false ceiling with two coats of acrylic emulsion paint over a cost of putty.				
	c	12.5 mm thick tapered edge gypsum moisture resistant board	120.43	sq.m.		
2	2.1	LAMINATED COLUMNS/WALLS PANELING				
		Providing and fixing in position wooden paneling to column / walls finished with laminate comprising as under:- (i) Framework:- Made out of 50 mm x 25 mm x 1.2mm thick extruded Aluminium hollow sections, placed not exceeding 600 mm centre to centre, bothways (horizontal and vertical), fixed rigidly on wall / columns in perfect line, level and plumb. (ii) Panel Finishing:- Providing & fixing 9 mm thick approved make MR plywood to Aluminum framework finished with 1.00 mm thick approved quality and shade laminate, using approved adhesive, in approved pattern & design, including providing grooves, decorative mouldings etc. as per Architectural drawings and as directed at site by the Engineer-in-charge. (iii) Providing approved quality, seasoned, full length, Teak Wood moulding 15 mm thick with adequate width as required at site, to all openings, cutouts etc duly polished with melamine polish complete as directed by the Engineer in-charge at site. (iv) The rate should include cost of	28.98	sq.m.		

S.NO	SOR NO.	PARTICULARS OF ITEMS	QTY	UNIT	RATE	AMOUNT
		<p>necessary hardware, making cutouts / openings for electrical conduits / cables, Switch boards, AC ducts etc., including providing necessary wooden/aluminum section members support at cutouts, doors/windows openings etc. complete as per drawings and as directed by the Engineer-in-charge at site.</p> <p>(v) Applying 2 or more coats of melamine polish to exposed edges of panelling, moulded beadings etc. including preparation of surface, sealer coats etc. complete including wastage of material, if any, scaffolding for execution of work at all heights and locations etc. complete.</p> <p>Approved make:-</p> <p>(a) Aluminum extruded sections: Jindal, Hindalco or equivalent approved by the Bank.</p> <p>(b) Plywood:- Greenply, Century, Duro or equivalent approved by the Bank.</p> <p>(c) Laminte:- Greenlam/Century/Archid / Aerolam or equivalent approved by the Bank.</p>				
		(d) Adhesive: Fevical SH/Vamicol or equivalent approved by the Bank. Mode of measurement:- Though, the aluminium frame may extend above false ceiling level, clear panelling area available below false ceiling shall only be measured after deduction for all openings above 0.50 Sqm.				
3	4.11	STORAGE CUPBOARDS				
	A	<p>Full Height Cupboard with Laminate Finish: Providing & fixing Full Height Storage Cupboard of 2100mm/2650mm height and 600mm deep Outer exposed structure with to be made with 18mm MR ply as per IS 303 and back side using 8mm MR grade ply. All shutters and shelves to be made with 19 mm thk. block board</p> <p>All internal and external surfaces to be finished with 1mm laminate of approved shade and make.</p> <p>All edges of the cupboard should be edgebanded using PVC edgebanding tape of approved shade.</p> <p>Shutters to be provided with S.S. 200mm handles, magnetic catchers, self closing SS hinges, locks (Godrej/Hettich/Haffe), SS towerbolts etc. All shutters to be made overlapping the frame.</p> <p>Only front elevation will be considered for area calculation.</p> <p>Make: Ply / block board:- Archidply, Greenply, Century, Duro or approved equivalent.</p> <p>Laminate:- Greenlam, Century or equivalent</p>	18.29	sq.m.		
4		MODULAR KITCHEN				
		<p>Providing and fixing medium density 18mm thk. FIRESAFE IS: 5509 plywood shutters coated with high pressure laminate of pvc (1mm) approved equivalent to front and all edges with plain profile and back side shall be laminated of approved shade for pull out baskets. With 304 grade stainless steel accessories of Mod kit of ECO range or approved equivalent make and pair of telescopic channel of fazer/ ozone/Avis/ hettich make or approve equivalent with Auto closing Hinges of fazer/ ozone/Avis/ hettich make or approved equivalent with necessary screws etc. complete as directed by Architect / Bank's Engineer.</p>				
		Kitchen	3.48	sq.m.		

S.NO	SOR NO.	PARTICULARS OF ITEMS	QTY	UNIT	RATE	AMOUNT
5		OVERHEAD STORAGE (450mm depth) Providing and fixing Storage Shutter fixed on wooden frame above Platform. Shutters to be made of 18mm thk. FIRESAFE IS: 5509 plywood sheet finish with high pressure laminate of pvc (1mm) approved equivalent sheet on outer face and 1.0 mm thick white balancing laminate on inner face of the shutter; edge to be covered with aluminum profile section as per selection, shutters to have brass hinges and magnetic catchers. Inner shelves to made of 18mm thick MR ply with 1mm laminate on all sides etc. complete to as per direction of Architect / Bank's Engineer. The inner depth of shelves shall be 450 mm. (Measurement will be counted from front shutter's height & width, no extra measurement and payment will be given for ss basket & shelves). (Base price of laminate to be used to be Rs. 45/- sq.ft.).				
		Kitchen	2.61	sq.m.		
6		UNDER COUNTER STORAGE (450mm depth) Providing and fixing Storage Shutter fixed on wooden frame above Platform. Shutters to be made of 18mm thk. FIRESAFE IS: 5509 plywood sheet finish with high pressure laminate of pvc (1mm) approved equivalent sheet on outer face and 1.0 mm thick white balancing laminate on inner face of the shutter; edge to be covered with aluminum profile section as per selection, shutters to have brass hinges and magnetic catchers. Inner shelves to made of 18mm thick MR ply with 1mm laminate on all sides etc. complete to as per direction of Architect / Bank's Engineer. The inner depth of shelves shall be 450 mm. (Measurement will be counted from front shutter's height & width, no extra measurement and payment will be given for ss basket & shelves). (Base price of laminate to be used to be Rs. 45/- sq.ft.).				
		Store Room	0.64	sq.m.		
7		TALL UNIT (450mm depth) Providing and fixing Storage Shutter fixed on wooden frame above Platform. Shutters to be made of 18mm thk. FIRESAFE IS: 5509 plywood sheet finish with high pressure laminate of pvc (1mm) approved equivalent sheet on outer face and 1.0 mm thick white balancing laminate on inner face of the shutter; edge to be covered with aluminum profile section as per selection, shutters to have brass hinges and magnetic catchers. Inner shelves to made of 18mm thick MR ply with 1mm laminate on all sides etc. complete to as per direction of Architect / Bank's Engineer. The inner depth of shelves shall be 450 mm. (Measurement will be counted from front shutter's height & width, no extra measurement and payment will be given for ss basket & shelves). (Base price of laminate to be used to be Rs. 45/- sq.ft.).				
		Store Room tall unit	1.26	sq.m.		
8		MIRROR :- Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with wooden frame of approved make and shape with 12mm thick plywood backing, etc. complete As per drawing / design.				
		Toilets (0.60x0.90)	4.00	Nos.		
9		TOUGHENED GLASS BATHROOM PARTITION WITH DOOR				

S.NO	SOR NO.	PARTICULARS OF ITEMS	QTY	UNIT	RATE	AMOUNT
		Providing and fixing in position Toughened Glass Partition with door of approved quality 8mm thick toughened glass, up to 1.8 mtr. height and customized width, fixed with C.P. floor clamps, wall to glass connector, glass to glass connector, stabilizer rod, plastic sleeve, glass to glass hinges for door, rubber gasket, 150 mm long SS 304 Handles (2 Nos), other necessary hardware and fittings etc. complete as per the manufacturer's specifications, detailed drawings and as per the directions of Architect / Bank's Engineer.				
		Glass : Saint Gobain / Aasahi Float / Modi Guard or equivalent approved by SBI Fittings : Dorma / Godrej / Ozone or equivalent approved by SBI Handles : Godrej / Hettich / Haffle or equivalent approved by SBI	6.00	sqm.		
10		M.S. FABRICATED GAS BANK Providing, Fabricating & fixing in-position MS Angle Doors/window frames, MS Grilles to Windows/openings, Balcony/Parapet Railings, MS Gratings, Frames, Guard bars, Ladder, Brackets, Compound Gates, Compound wall Railings/Grilles and other similar MS Fabrication works at all heights and locations with necessary lifts & lead, loading/unloading etc. complete as per approved design made out of MS flats, Square bars, Round Bars, Angles, Tees etc and anchoring the same to walls, Floor, RCC slab etc.using Nut, bolts, holdfasts, Anchor Fasteners etc. as required including two coats of enamel paint over a coat of Zinc Oxide primer complete. Rates to include necessary hardware, cutting / chasing floor, wall carefully and repairing the same to its original position, scaffolding, pulleys, painting of repaired surface complete as directed at site by Architect / Bank's Engineer.	50.00	kg		
		ELECTRICAL				
11	4.1	POINT WIRING:- Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 1.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires & 1.5 sq.mm. copper earth wire in concealed/ surface using 16 SWG MS conduits, accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose, Modular switch, socket, etc (wherever required) and chromium plates brass screws/ rowel plug etc. The circuit wiring starting from DB to point control box/ switch box using 2x2.5 sq.mm PVC insulated 1100 V grade multi- stranded copper conductor wire & 2.5 sq.mm. PVC insulated earth wire (color code to be used). (Flexible conduit/ elbow not allowed). The conduit to be laid in ceiling with proper clamps/ wall/ floor and filling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete. Make of Cables & Wires : R R Kabel / Finolex / Havells / Polycab / KEI / Skyton / Bonton. Make of PVC / MS Conduits & Accessories : BEC / Precision / Atul / VIP / AKG /SETIA. Make of Switch/Sockets/Plates etc : (MK / LEGRAND /CRABTREE / ROMA / Anchor).				
		i) Each circuit shall have independent earth wire. ii) Each point shall be earthed. iii) Circuit wiring is to be included in point wiring rates.				
	i	One light points controlled by one 6 amp. Modular switch.	4.00	nos		
	ii	Two light points controlled by one 6 amp. Modular switch.	2.00	nos		

S.NO	SOR NO.	PARTICULARS OF ITEMS	QTY	UNIT	RATE	AMOUNT
	xi	One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc	4.00	nos		
12	4.2	POWER POINTS				
		Same as serial no.1, but wiring for 16 Amp, 6-pin sockets by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire with independent 1* 4.0 sq.mm earth wire from D.B. to first point 1st socket and 1st to 2nd, socket with 2*2.5 sq.mm. and 1*2.5 earth wire including providing and fixing of 16 Amp, 6 –pin socket with 16 Amp. Switch. (Modular type switch/socket/plate etc. complete assembly) max 2 points per circuit				
	A	Primary Point	4.00	nos		
	B	Secondary Point	2.00	nos		
13	7.1	LIGHTS Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, LED Drivers etc. all fixing materials including connecting wires etc. all complete as per the directions of Engineer-in-charge.(all LED Light Fixures should be covered with minimum 3 Years on site replacement warranty)				
	b	Supplying , fixing ,testing and commissioning of 15 W LED commercial type down lighter of make As specified in tender document or approved by bank. Product to be approved by the consultant & Bank before proceeding for SITC (Philips, Wipro, Crompton, Bajaj, Havells, Syska, Everyady or equivalent)	6.00	nos		
	c	supplying , fixing ,testing and commissioning of 9 W LED commercial type down lighter of make As specified in tender document or approved by Bank.Product to be approved by the consultant & Bank before proceeding for SITC (Philips, Wipro, Crompton, Bajaj, Heavells, Syska, Everyady or equivalent)	2.00	nos		
	e	LED Strip for cove lighting 15W per 5 M with driver and necessary installation fittings Led strip light (5mtr.) color & make As specified in tender document or approved by bank (Philips, Wipro, Crompton, Bajaj, Heavells, Syska, Everyady or equivalent)	8.00	each		
14	3.0	Refrigerant piping: - Supply Installation, testing, commissioning and Interconnecting refrigerant copper pipe work (between indoor & outdoor units as per specifications) with (19mm/13mm thick) closed cell elastomeric nitrile rubber tubular insulation. All piping inside the room shall be properly supported with MS slotted angle, including cutting chases, holes in walls/slabs and making them good. All external piping shall run in covered cable tray (item for cable tray shall be quote seperately). Make of Class 'O' Nitrile rubber insulation :- SUPREME /K-FLEX / SUPERLON / EUROBATEX / ARMACELL/A- Flex				
	f	19.1 mm O.D. (insulation: 13 mm)(Or as specified by the manufacturer)	45.00	rmt		
	h	12.7 mm O.D. (insulation: 13 mm)(Or as specified by the manufacturer)	45.00	rmt		

S.NO	SOR NO.	PARTICULARS OF ITEMS	QTY	UNIT	RATE	AMOUNT
15	3	DRAIN PIPING :- Providing and fixing drain piping up to drain as directed by the engineer incharge with all accessories e.g. elbows, unions, sockets, reducers, reducing tees, nipples etc. Complete job including cutting chiseling in walls, floor and making good of all chases/ cuts etc. and discharging the drain into a floor trap/ gully as per site conditions with insulation, both as specified by the manufacturer.				
	a	25 mm dia PVC drain pipe for Split AC	25.00	rmt		
16	5	OUTDOOR STAND FABRICATION :- Providing and fixing of lockable caging for outdoor unit grouted on wall or on roof with open able shutter made of 10 X 10 mm MS square bars placed vertically @ 5" c/c welded with 40 X 3 mm MS flat all-round. Item includes all necessary hardware, priming coat, synthetic enamel paint, hanger, clamps other accessories etc. All complete as per approval and instructions of the Architect/employer.				
	a	For 1.0/ 1.5/ 2.0 TR Hi Wall split units	4.00	nos		
17	6	CONTROL CABLE: Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0 TR/ 1.5 TR/ 2.0 TR Split type AC.	60.00	rmt		
18		CHIMNEY Supply and laying, testing & commissioning of approved quality autoclean kitchen chimney. Make :- Faber, Glen or equivalent.	1.00	each		
19		GYESER Supply and laying, testing & commissioning of approved quality gyeser of 25L capacity in all toilets. Make:- Racold, Bajaj, Crompton or equivalent.	3.00	each		
20		WATER CONNECTION LIASONING CHARGES	1.00	Lum		
21		ELECTRICAL METER CONNECTION LIASONING CHARGES	1.00	Lum Sum		
		Total (For 1 Bungalow)				
		Grand Total (For 5 Bungalows)				

Seal and Signature of the Vendor