

**SBI INFRA MANAGEMENT SOLUTIONS PVT.LTD.**  
**(A Wholly Owned Subsidiary of State Bank of India), Circle Office, Patna**

**BILL OF QUANTITIES : INTERIOR AND CIVIL WORKS AT XLRI BRANCH, JAMSHEDPUR**

**BRANCH : XLRI, JAMSHEDPUR**

**UNDER RBO : RBO-5**

Sl.	Particulars of Items	Unit	Quantity	Rate (Rs.)	Amount
1	<p><b><u>LOW HEIGHT SINGLE WINDOW COUNTER</u></b>  Providing and fixing low height Single Window counters / Case Manager's table with a maximum width of 3'0" in required shape as per typical design. The main structure of the counter is to be made of 19mm thick BWP Phenol Formaldehyde block board of Green/Century / Mayur or equivalent with a teak wood beading of 50 mm x 38 mm in front and necessary beading to cover all the exposed edges of board etc. The width of the counter should have 5'0" (with disc credenza / cabinet of 1'4" wide and maximum 3'6" length / depth (including width of counter). The vertical supporting members of counter are to be made of 19 mm thick BPW Phenol Formaldehyde block board of Green/Century / equivalent don-8 box shall be provided by the bank would be fitted properly in right hand side. The key board pullout tray of to be provided in addition to key board drawer with lock and key make arrangement of standard make to be decided by the Bank. The left hand side should have cabinet made of 19 mm thick BWP, PF plywood and cavity keeping CPU as per design / drawing. The counter top have a neat hole to be made in the table for connecting the wires which is to be covered with a dark colored PVC insert (wire manager) with moveable parts to put the wires and sockets to cover the hole neatly. The exposed block – board/ plywood to be covered with 1.0 mm thick blue / white high gloss laminate of Greenlam / Marino / Century or equivalent of approved shade and colour. Exposed portions to be also covered with 1.0 mm thick blue / white high gloss laminate of approved shade and colour. The internal and non-visible side of all drawers, cabinets and counter table shall be painted with 3 coats of enamel paint over one coat of primer on the internal side. Glass portion made of 12 mm thick toughen glass of approved make as per design and specification securely fixed in toughen section as per design and details and all necessary standard quality of fittings, hard wares, locks (make or equivalent). Door shutter of 19 mm BWP board to be fixed at the rear side of counter with automatic locking system from Godrej or equivalent. All work to be completed as per <b>Corporate Centre, Mumbai approved materials Colour &amp; Laminate etc and specification</b> and direction of Engineer-in-charge /Bank.</p>	Meters	11		
2	<p><b><u>LOW HEIGHT PARTITION</u></b>  Providing and fixing low / half height partitions up to 4' 0" with double skin paneling up to 3'-0" and 12 mm thick toughened glass of approved make above frameless on the top and sides and sturdily fixed at the</p>	Sq.m	50		

	bottom on a polished teakwood frame all complete job with all other specifications and details to be as per item No. 2 above and as per the design i.e. shown in sides of low-height counters all complete work. All complete work as per <b>Corporate Centre, Mumbai approved materials Colour &amp; Laminate etc and specifications</b> and direction of Engineer-in-charge /Bank.				
3	<b><u>WOODEN GLAZED DOOR FOR CHAMEBRS ROOMS ETC:</u></b> Providing and fixing glazed door, all complete as per specifications given in item No. 2 above. Doors shall have separate hard wood chowkhats of 100 mm x 60 mm of Sal wood and frames of Gamhar wood which shall be of 150 mm x 40 mm at the top and sides and 200 mm x 40 mm at the bottom. Beading shall be given as per typical design and specifications. Door panel shall be of 8 mm thick clear float toughen glass of Modi float or AIS make or equivalent approved by the bank. All necessary hardware such as brass hinges (4 nos. heavy qualities for each door), door locks, brass tower bolts and any other hardware required for the door shall be in the rate. Gamhar frame shall be neatly covered with 4.0 mm BWP ply and 1.0 mm high gloss laminate as has been mentioned in item – 2 above of approved brand as has been mentioned at item no.1 above and as per design. All visible wooden surfaces shall be covered with high glosive laminate. All work to be completed as per <b>Corporate Centre, Mumbai approved materials Colour &amp; laminate etc and specifications</b> and direction of Engineer-in-charge /Bank.	Sq.m	12		
4	<b><u>HYDRAULIC DOOR CLOSER</u></b> Providing and fixing hydraulic Hardwyn, Everite or approved make equivalent door closures of Hardwyn, Everite or equivalent approved brand and sample – all complete as per instructions of the Bank. All complete work as per drawing, design. Specification and direction of Engineer-in-charge /Bank.	Nos.	6		
5	<b><u>12 MM THICK TOUGHENED GLASS PARTITION WITH PATCH FITTING</u></b> Supplying and Fixing of fully glazed Partition at approved position. The Partition shall be made of 12 mm thick float glass, toughened, machine polished and etching work (acid wash) done on it as per the drawing/ approval. The partition glass shall be fixed with necessary sets of Patch Fittings of approved make and the patch fittings shall be of sleek design fittings on top & bottom etc as suitable & required as per site condition for making the partition fully stable and secure etc. complete as per the design and directions of employer. Preferably each piece of glass (up to 5ft of length) shall be fitted with 4 sets of patch fittings or so as directed by engineer in charge. The partition glass may be fixed on S. S. channel at lintel and floor levels and also with required/ suitable seal/ gaskets at corner/ junction point of two glasses, as per the site condition & instruction. The cost to include all type of fixtures, Labour etc. complete for the execution of item as per design/ approval of Engineer in charge.	Sq.m	12		

6	<p><b>12 MM THICK TOUGHENED GLASS DOOR ETC</b></p> <p>Supplying and Fixing of fully glazed Door (in single / double leaf shutter) at approved position. The door shall be made of 12 mm thick toughened float glass &amp; the glass shall be fitted with Patch Fittings of approved make. The door shall be fixed on approved make floor spring and with 2 Nos. of 18 inch S.S. handles, one dead lock with three keys, its fittings and fixtures, computerized vinyl push/pull sticker etc. complete all of approved make. The 12 mm thick glass shall have etching work (acid wash) done on it as per the drawing/ approval. Door handle shall be of Kich Industries make, stainless steel, AISI 316 grade pull handles, 22 mm dia x 450 mm STAIN CODE PHI 2212 S and shall be fixed in position. The cost to include all fixtures, 6 lever Godrej lock, push/pull stickers, Labour etc. complete and all as per design and approval of the Engineer in charge.</p>	Sq.m	5		
7	<p>Providing D-Tel depository cabinet of Godrej make in counters of size-691mm x 460mm x 460mm of weight 33.00 kg of automatic locking including of cost of labors &amp; materials etc. to complete job as per specification &amp; direction of E/I.</p>	Nos.	5		
8	<p><b>EXECUTIVE WORK STATION ( WITH LAMINATE)</b></p> <p>Manufacturing and supplying ' L ' shaped Executive work station consisting of a table made with necessary 19mm Plywood (of approved make) frame work having 16" wide and 2.0' deep storage unit on one side consisting of Four 5" deep sliding drawers and a modesty panel with embossed design. The table frame work shall be of over all size of 7.5' x 2.5' x 2.5' and it shall be fitted with 12mm glass on it's top. There shall be a side unit of 4.0' x 1'-6" x 2'-6" over all size made with 19mm Plywood (of approved make) frame work having 3nos. of 5" deep drawers on upper side and below to drawers, the cupboard unit shall be with folding shutter &amp; adjustable shelf all along the full width of the credenza. <u>In the table.</u> Arrangement of CPU stand, key board drawer, cable manager and foot rest of 4" x 1.5" teak wood section shall be provided and the three edges of front fascia shall be 1.5" thick with additional ply and leaped with necessary beach wood beading of same thickness melamine polished to same colour as veneer.. All drawer shall be fitted with telescopic channels and automatic push type locking arrangement and cupboards shall have locking arrangement and all exposed edges of ply wood shall be fitted with teak wood beading duly polished. All bidding shall have polish of matching color. All exposed and visible surfaces shall be laminated with 1.5 mm thick laminate of approved regular shade/ 1.0mm thick laminate of approved premium shade and make and all invisible surfaces to be laminated with 0.8 mm laminate of approved shade and make. The rates should include locking arrangement (to be operated by single key) for all drawers and cupboard along with best quality 4" brush steel handles, sliding channel with roller + ball bearing arrangements etc. complete. Cost should also inclusive of paneling, lapping of edges with plywood to achieve thickness as per Engineer-in-charges design.</p>	No.	1		

9	<p><b>OFFICERS WORK STATION</b></p> <p>Manufacturing and supplying ' L ' shaped officer work station consisting of a table made with necessary 19mm Plywood (of approved make) frame work having 16" wide and 2.0' deep storage unit on one side consisting of Four 5" deep sliding drawers and a modesty panel. The table frame work shall be of over all size of 5-0' x 2.5' x 2.5'. There shall be a side unit of 4.0' x 1'-6" x 2'-6" over all size made with 19mm Plywood (of approved make) frame work having 3nos. of 5" deep drawers on upper side and below to drawers, the cupboard unit shall be with folding shutter &amp; adjustable shelf all along the full width of the credenza. In the table, Arrangement of CPU stand, key board drawer, cable manager and foot rest of 4" x 1.5" teak wood section shall be provided and the three edges of front fascia shall be 1.5" thick with additional ply and leaped with necessary beach wood beading dully melamine polished. All drawer shall be fitted with telescopic channels and automatic push type locking arrangement and cupboards shall have locking arrangement and all exposed edges of ply wood shall be fitted with teak wood beading duly polished. All bidding shall have melamine polish of matching color. All exposed and visible surfaces shall be laminated with 1.5 mm thick laminate of approved regular shade/ 1.0mm thick laminate of approved premium shade and make and all invisible surfaces to be laminated with 0.8 mm laminate of approved shade and make. The rates should include locking arrangement (to be operated by single key) for all drawers and cupboard alongwith best quality 4" brush steel handles, sliding channel with roller + ball bearing arrangements etc. complete. Cost should also inclusive of paneling, lapping of edges with plywood to achieve thickness as per Engineer-in-charges design.</p>	No.	3		
10	<p>Supplying &amp; fixing/fitting of corian laminate of 6mm thickness of approved make of Du-Point only on table top, table front, &amp; designer beads SBI facia, back black color &amp; rounding of edges to complete in all respect, as per site condition and instruction of R.M/C.M (CS &amp; CM)/ with rounding of edges etc to complete job. (Counters, B.M's table and S.M's table tops with fronts ).</p>	Sq.m	35		
11	<p><b>LOW TYPE STORAGE CABINET:</b></p> <p>Making and fixing low type storage cabinet with drawer and cupboard with shelf as per the drawing / design all made of 19 mm thick BWP block board of Green/Century /Mayur or equivalent top and front laminated with 1.0 mm thick laminate of Green/Marino /century or equivalent top edges shall have Gamhar wood moulding. Drawer shall run of 'Z' type drawer slides with PVC rollers. All inside portion shall be painted with matt finish enamel paint and all wooden surface shall be melamine/sprit polish. All work to be completed work with necessary and required hardware of standard quality as per <b>Corporate Centre, Mumbai approved materials Colour laminate and specifications</b> and direction of</p>	Sq.m	35		

	Engineer-in-charge /Bank.				
12	<b>FALSE CEILING ( Armstrong - Dune premier Shillout )</b> Providing and fixing in true horizontal level false ceiling grid system of Armstrong World Industries. The suspension system shall be the Armstrong Turlock Silhouette revealed profile grid system with 15 mm wide flanges incorporating a 3 mm or 6 mm central recess color black or white. Silhouette main runners and cross tees to have mitered ends with birds mouth notches to provide mitered cruciform junctions. Main runners to be spaced at 120 mm c/c fixed by using 2 mm pre-straightened GI wire. Main Tee of size of 15 mm x 44 mm x 1200 mm at every 600 mm c/c maximum and cross tee of size 15 mm x 44 mm x 600 mm at every 1200 mm c/c as per the manufacturer specifications and 19mmx19mmx3000 wall angle all round the wall to form grid size of 600mmx600mm and suspending the grid using 2mm pre straightened GI Wire and 6mm nylon raw plug at every 1200mm intervals at the main tee and laying of Dune premier micro look mineral fiber tiles manufactured by Armstrong world industries of size 600mmx600mmx15mm over the formed grid complete.	Sq.m	230		

13	<p>Providing and fixing in position Seamless Gypsum Board False Ceiling in one or more levels as directed including vertical surfaces between different levels.</p> <p>The Ceiling including vertical surfaces is to be done with 12.5 mm thick plain Gypsum boards of approved make, duly finished with recommended filters, tapes, etc. to have a seamless flush look.</p> <p>The ceiling system is to be fixed to a concealed GI framework(Gypsteel Ultra make or approved equivalent ) by 25 mm long GI drywall screws at 250 mm intervals along both ways.</p> <p>The framework shall be suspended securely from MS angle hangers fixed to true ceiling surface by dash fasteners.</p> <p>The whole system is to be fitted with all necessary arrangements like perimeter channels, intermediate channels, ceiling sections, ceiling suspension angles, rawl plug, soffit cleat etc.</p> <p>The work includes applying two coats of approved putty &amp; primer suitable for Gypsum boards after necessary surface preparation and final painting with approved acrylic emulsion paint on the surface.</p> <p>Provisions for openable type lids for facilitating arrangements for rolling shutters are to be made as required.</p> <p>Lids shall be made out of 9 mm thick BWR plywood duly painted to match the ceiling surface and provided with 2 No. 75 mm SS butt hinges &amp; 1 No. 100 mm SS tower bolt along the surface.</p> <p>The work is to be completed with all materials, accessories. Labour, tools &amp; tackles and in strict conformity with manufacturers specifications &amp; recommendations.</p> <p>Rate is to include the cost of making openings for ceiling mounted electrical &amp; air-conditioning accessories.</p> <p>All materials should be approved by Bank.</p> <p>Plan area is to be measured for finished work.</p>	Sqm	125		
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14	<p>Providing and fixing Ceiling Highlighter panel over transaction area as per design.</p> <p>The Ceiling Highlighter Panel is a recessed continuous strip with blue high gloss polyurethane coating on its surface and is provided to accentuate the Bank's blue color.</p> <p>The panel shall be made with 12.5 mm thick plain Gypsum board of approved make duly finished with recommended fillers, tapes etc to have a seamless flush look.</p> <p>A cut-out 600 mm wide with desired length is to be made on the false ceiling as directed with GI intermediate channels, ceiling sections, ceiling suspension angles etc. fitted to it as required.</p> <p>The cut-out is to be surrounded by 25 mm wide plain Gypsum sections fixed above &amp; around its periphery by GI screws.</p> <p>The panel board is then to be placed on the Gypsum sections surrounding the cut-out and shall be fixed on it by 25 mm long GI drywall screws at 250 mm intervals along the perimeter.</p> <p>The panel board shall have a projection of at least 25 mm beyond the perimeter of the cut-out.</p> <p>The panel board is to be finished with blue paint and high gloss polyurethane coating of approved shade &amp; make on its surface.</p> <p>Provisions are to be made for fixing LED strips.</p> <p>The work is to be completed with all materials, accessories, labor, tools &amp; tackles and in strict conformity with manufacturers specifications &amp; recommendations.</p> <p>All materials should be approved by Bank.</p> <p>Visible plan area is to be measured for finished work.</p>	Sqm	30		
15	<p>Providing and fixing running type table 2'-0" wide for system room made of 19mm thick BWP Phenol Formaldehyde block board of Green/Century/Mayur or equivalent with a teak wood beading of 50 mm x 38 mm in front and necessary beading to cover all the exposed edges of board etc and drawers with 1.0 mm thick laminate of Greenlam / Marino / Century or equivalent of approved shade and color as per direction of E/I. Materials shall be as per the item no – 10 as above</p>	Meter s	2.4		
16	<p><b>Providing and fixing wall &amp; Column Paneling as per drawing &amp; design :</b></p> <p>The Paneling shall be fixed on a concealed wooden framework of required section placed at 600 mm c/c both horizontally &amp; vertically.</p> <p>The framework is to be fixed by means of Aluminium angles of appropriate size for proper fixity.</p> <p>The framework is to be covered by 9 mm thick BWP plywood on exposed side with suitable fixtures.</p> <p>The surface is to be finished with 1 mm thick high gloss laminate of approved shade &amp; make.</p>				

	<p>Provisions are to be made for fixing LED strips.</p> <p>The work is to include all necessary materials, accessories, labour, tools &amp; tackles and also allow provisions for electrical, computer &amp; telephone wiring conduits, switch boxes etc.</p> <p>Executed elevation area is to be measured for finished</p>				
<b>A</b>	Interior Columns in Banking Hall	<b>Sqm</b>	<b>40</b>		
<b>B</b>	With 12 mm thick MDF board fixed on frame finishing paneling surface with high gloss PU paint/1 mm thick high gloss laminate-In the wall back side of SWO Counters.	<b>Sqm</b>	<b>100</b>		
<b>17</b>	<p><b>LACQUERED GLASS PANELLING</b></p> <p>Providing and fixing Lacquered glass Paneling consisting of un-anodized aluminum hollow section of 50x50mm size 1.5mm thick of JINDAL/ INDAL confirming to ISI 303 standard as internal frame structure placed horizontally &amp; vertically in 600 x 600mm interval (as per site requirement). The framing shall be fixed with 8mm thick MDF grade ply of approved make firmly screwed to the aluminum frame on exposed side finished with 4mm thick Lacquered glass of approved color and in approved design with adhesive.</p>	<b>Sqm</b>	<b>15</b>		
<b>18</b>	S/F/F Godrej mortise locks/ Night latches including cost of labor & materials etc. to complete job.	<b>Nos.</b>	<b>5</b>		
<b>19</b>	<p><b>VERTICAL BLINDS :</b></p> <p>Providing &amp; fixing 100 mm wide vertical blinds (vista level or classic/ or equivalent of standard make) in off-white or any approved color on all windows &amp; opening of B.M's chamber. All complete with all mechanisms etc. (Note: The area of the blinds shall be measured for payment). All complete work as per drawing, design Specification and direction of Engineer-in-charge /Bank.</p>	<b>Sq.m</b>	<b>35</b>		
<b>20</b>	<p><b>VITRIFIED TILE FLOORING</b></p> <p>Providing and fixing flooring with 800mm x 800mm x 10mm premium double charge Vitrified tiles of euro or equivalent approved make (basic rate Rs.60/- to Rs.70/- per sq. ft.) in approved design/pattern, laid over the existing flooring using tile adhesive (Laticrete-290 or equivalent) and filling the joints with white/coloured cement to match the shade of tiles including cost of jointing material and conveyance of all materials viz., vitrified tiles, white or colored cement etc., to site, cost of seignior age charges on materials, labour charges for all operations etc., complete as directed, curing etc., complete for finished item of work. The rate should include covering the flooring with polythene and pop and removing, cleaning the surface on completion of work. Conduits/pipes if to be laind underfloors, the same to be properly finished with out any un-evenness in the flooring. The samle should be got approved with bank before purchase.</p>	<b>Sq.m</b>	<b>250</b>		
<b>21</b>	<p><b>GRAHAK MITRA :</b></p> <p>Providing Grahak Mitra Counter of size 3'-0" x 3'6" with side credenza of 2'3" x 6'0" in approved shape as per design of Bank made up of 19 mm thick BWP grade block board of Green / Century brand and make as</p>	<b>Nos.</b>	<b>1</b>		



	above mentioned at item – 1 above, top laminated with 1.0 mm high glossy laminate with all complete work as per drawing, design., specification and direction of Engineer-in-charge /Bank.				
<b>22</b>	<b><u>WALL PUTTY</u></b> Providing ,applying and fixing the Plaster of Paris to the plastered/ concrete surfaces of a structure in the thickness as required as per site condition to make the given surfaces smooth (as required for fine type of painting work) in perfect line &dori& plumb with proper finish. The rate shall include cost of all material, labor, scaffolding, ladders charges, storing & safeguarding the material etc all complete.	<b>Sq.m</b>	<b>100</b>		
<b>23</b>	<b><i>PLASTIC EMULSION PAINTING</i></b> Providing and applying Premium emulsion ( water based 100% acrylic) interior paint to all type of smooth plasters, concrete, false ceiling etc. surface. The surface to be painted shall be made free from any loose paint, dust , grease and any fungus, algae or moss on it shall got be removed/ sand thoroughly by emery paper 180 and wipe clean. Then one coat of interior grade wall primer be applied & after which any surface imperfection such as holes, dents, fine cracks shall be corrected by filling with acrylic grade wall putty. Thereafter sand the surface with emery paper 180 and wipe clean and apply second coat of interior grade wall primer and again surface imperfection to be corrected. Again sand the surface with emery paper 320 and wipe clean and then apply the Premium emulsion in two coats. All materials shall be of Asian/ British or approved make. The color and pattern/ color combination of the paint shall be got approved from Engineer in Charge. The stock of the quantity for all material as per manufacturer's theoretical consumption (per unit of surface area) shall be made available at site before commencement of the painting work. The rate shall include cost of all material, labor, scaffolding, ladders charges, storing & safeguarding the material etc all complete.	<b>Sq.m</b>	<b>700</b>		

Place: -

Signature of the vendor

Date:-