

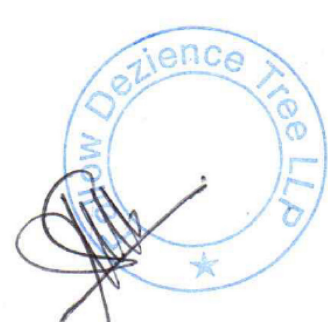
Billing - Summary Sheet

D 09-Swamy's, Check-in Gate, T3, Lucknow Airport

| S.NO. | ITEM | PO AMOUNT | RAB-01 | RAB-02 | Cummulative | Variation In Amount | Variation (%) (+/-) Item Wise |
|--------------|-------------------------------------|------------------|-----------------|------------------|------------------|---------------------|-------------------------------|
| 1 | FLOORING, SKIRTING & CLADDING WORKS | 2,02,569 | - | 2,05,673.98 | 2,05,673.98 | 3,105.24 | 1.53% |
| 2 | FALSE CEILING WORKS | 63,360.00 | - | 58,560.00 | 58,560.00 | -4,800.00 | -7.58% |
| 3 | PAINTING WORKS | 4,752.00 | - | 2,284.20 | 2,284.20 | -2,467.80 | -51.93% |
| 4 | PARTITION & PANELLING WORKS | 3,84,303.12 | 2,92,544.42 | 92,512.02 | 3,85,056.44 | 753.32 | 0.20% |
| 5 | MS/SS WORKS & MISCELLANEOUS WORK | 4,26,575.77 | 3,40,417.45 | 82,973.75 | 4,23,391.20 | -3,184.57 | -0.75% |
| 6 | WOOD WORK | 7,10,662.00 | - | 7,10,662.00 | 7,10,662.00 | - | 0.00% |
| A | Civil & Interior | 17,92,222 | 6,32,962 | 11,52,666 | 17,85,628 | (6,594) | -0.37% |
| 7 | PLUMBING | 51,000.00 | 1,002.50 | 65,750.00 | 66,752.50 | 15,752.50 | 30.89% |
| 8 | LIGHTING | 97,030.00 | - | 97,030.00 | 97,030.00 | - | 0.00% |
| 9 | ELECTRICAL | 3,84,985.00 | - | 3,81,325.00 | 3,81,325.00 | -3,660.00 | -0.95% |
| 10 | CCTV | 72,000.00 | - | 72,000.00 | 72,000.00 | - | 0.00% |
| 11 | FIRE | 19,950.00 | - | - | - | -19,950.00 | -100.00% |
| B | MEP | 6,24,965 | 1,003 | 6,16,105 | 6,17,108 | (7,858) | -1.26% |
| (A+B) | TOTAL | 24,17,187 | 6,33,964 | 17,68,771 | 24,02,735 | (14,451) | -0.60% |



| BILL OF QUANTITIES- INTERIOR WORKS- RAB -02 | | | | | | | | | | | | | | |
|--|--|---|------|-------|-------|------------------|------------|----------|-------------|-----------|-------------|--------------------|--------------------|--------------------|
| D 09-Swamy's, Check-in Gate, T3, Lucknow Airport | | | | | | | | | | | | | | |
| S. No. | Location | Description | Unit | Qty | Rate | Amount | QUANTITIES | | | | AMOUNT | | | |
| | | | | | | | RA-01 | RA-02 | Cummulative | Variation | RA-01 | RA-02 | Cummulative | Variation |
| 1.0 | Location | FLOORING, SKIRTING & CLADDING WORKS | | | | | | | | | | | | |
| 1.1 | | FLOORING | | | | | | | | | | | | |
| 1.1.1 | TL-01 (FOH Floor) | Providing & Laying FULL BODY VITRIFIED TILES TL-01 of Size, Make, Grout as specified in the drawing or material schedule, refer as shown in flooring layout. Plan area to be measured. Base Rate of Tile - Rs.100/- Sq.Ft | Sqm | 23.21 | 2,691 | 62,458.11 | | 23.166 | 23.166 | -0.04 | | 62,339.71 | 62,339.71 | -118.40 |
| 1.1.2 | TL-03 (BOH Floor) | FULL BODY VITRIFIED TILE, Size- 600x600mm, Make - Nitco, Product Code - BELGIUM GREY TILE, refer as shown in detail drawing. Base Rate of Tile - Rs.100/- Sq.Ft. | Sqm | 17.93 | 2,691 | 48,249.63 | | 16.9065 | 16.9065 | -1.02 | | 45,495.39 | 45,495.39 | -2,754.24 |
| 1.1.3 | Granite Jamb | 19mm thick STEEL GREY GRANITE Jamb under flap door, refer as shown in flooring drawing. Base Rate of Tile - Rs.180/- Sq.Ft | Rm. | 0.99 | 4,200 | 4,158.00 | | 1.5624 | 1.5624 | 0.57 | | 6,562.08 | 6,562.08 | 2,404.08 |
| 1.2 | | INLAY & TRANSITION PROFILE | | | | | | | | | | | | |
| | | Providing & fixing of Transition profile, custom made in desired location as per drawing, in between different types of flooring materials or wall cladding materials, including all necessary fixing arrangements etc. complete as per design and drawing as per satisfaction of Project Manager. | | | | | | | | | | | | |
| 1.2.1 | Ramp Floor | Brass T-profile with round top at the junction of ramp & FOH Flooring as shown in detail drawing & design. | Rm. | 2.42 | 1,500 | 3,630.00 | | | 0 | -2.42 | | - | - | -3,630.00 |
| 1.2.2 | 3M Anti skid tape | Providing & fixing 3M Anti Skid tape over tile flooring at ramp, refer as shown in flooring drawing. | Rm. | 16.94 | 400 | 6,776.00 | | | 0 | -16.94 | | - | - | -6,776.00 |
| 1.3 | | TILE CLADDING | | | | | | | | | | | | |
| | | Providing and fixing tiles in cladding/ dado/ jamb/ soffit/ cill of uniform thickness, size, shade and pattern as approved, fixed with rich cement slurry over a bedding plaster of cement mortar 1:3 (1 cement : 3 fine sand) of minimum 20mm or more thickness/ 7mm thick adhesive to masonry/RCC structure, including the cost of rough base plaster, providing grooves using 2/3mm PVC spacers and grouted with EPOXY grouts of laticecrete / Kerakoll make to match shade of tile, cleaning with acid wash, cutting of tile for electrical switches and sockets, curing, Cello bubble/ Adhesive sheet roll for protection layer etc. complete in all respects as per drawing and as directed by Project Manager. | | | | | | | | | | | | |
| 1.3.1 | TL-02 (BOH Walls) | Providing & Laying Ceramic Wall Tile TL-02 of Size, Make, Grout as specified in the drawing or material schedule, refer as shown in wall finishes layout. Base Rate of Tile - Rs.150/- Sq.Ft. | Sqm | 10.89 | 3,200 | 34,848.00 | | 12.49525 | 12.49525 | 1.61 | | 39,984.80 | 39,984.80 | 5,136.80 |
| 1.4 | | SKIRTING | | | | | | | | | | | | |
| 1.4.1 | Tile Skirting | Providing & Fixing 100mm high skirting made of tile matching with Flooring TL03 to be provided as shown in the detail drawing and design. Base Rate of Tile - Rs.100/- Sq.Ft. | Rm. | 9.24 | 1300 | 12,012.00 | | 2.8 | 2.8 | -6.44 | | 3,640.00 | 3,640.00 | -8,372.00 |
| 1.4.2 | SS Skirting | Providing & Fixing 50mm high SS skirting MT-01 to be provided in FOH as shown in the detail drawing and design. | Rm. | 12.43 | 1300 | 16,159.00 | | 15.4 | 15.4 | 2.97 | | 20,020.00 | 20,020.00 | 3,861.00 |
| 1.4.3 | SS Skirting | Providing & Fixing 100mm high SS skirting MT-01 to be provided in FOH as shown in the detail drawing and design. | Rm. | 6.49 | 2200 | 14,278.00 | | 12.56 | 12.56 | 6.07 | | 27,632.00 | 27,632.00 | 13,354.00 |
| | | Sub Total | | | | 2,02,569 | | | | | | 2,05,673.98 | 2,05,673.98 | 3,105.24 |
| 2.0 | | FALSE CEILING WORKS | | | | | | | | | | | | |
| 2.1 | | FALSE CEILING | | | | | | | | | | | | |
| 2.1.1 | Aluminum Baffle Ceiling | Providing and fixing Aluminum Baffle Ceiling of baffle size 25x150mm suspended from MS structure above it with the help of necessary channels & fixtures, and as directed by Project Manager, including additional frame work for light fittings, etc. complete as per design & detailed drawing. Running length of baffles shall be measured for payment. Base Rate of Baffle - Rs.650/- Rm. | Rm. | 42.24 | 1,500 | 63,360.00 | | 39.04 | 39.04 | -3.20 | | 58,560.00 | 58,560.00 | -4,800.00 |
| | | Sub Total | | | | 63,360.00 | | | | | | 58,560.00 | 58,560.00 | (4,800.00) |
| 3.0 | | PAINTING WORKS | | | | | | | | | | | | |
| | | (Quoted Rate shall be for all heights, depths, levels, leads and lifts. All paints must be very low or zero VOC). | | | | | | | | | | | | |
| 3.1 | | PAINT FINISH | | | | | | | | | | | | |
| 3.1.1 | PT-02 (BOH Walls) | Providing and applying three (minimum) coats of PT-02 Royal Emulsion Luxury Paint, Make - Asian Paints, as specified in drawing, with a coat of approved primer including the cost of scraping, levelling & preparing the surfaces with filling materials (putty) required primer, along with sand papering wherever required, scaffolding etc. complete as per specs with giving necessary drying period for each coat of approved colours and shade with roller. Contractor must get sample approved by the Architect before executing. All complete to the entire satisfaction of Project Manager. Refer finishing schedule for the Paint code. | Sqm | 3.52 | 1,350 | 4,752.00 | | 1.692 | 1.692 | -1.83 | | 2,284.20 | 2,284.20 | -2,467.80 |
| | | Sub Total | | | | 4,752.00 | | | | | | 2,284.20 | 2,284.20 | (2,467.80) |
| 4.0 | | PARTITION & PANELLING WORKS | | | | | | | | | | | | |
| 4.1 | | PARTITION & PANELLING WORK | | | | | | | | | | | | |
| 4.1.1 | Bison Board Panelling (with Double Frame) | Providing & fixing panelling made of 12mm thk. Bison Board on one side of double MS framework of 40x40mm @ 600mm c/c bothways (framework to be followed with Fire Resistant Coating) along with existing Airport's walls to receive different finishes (as specified) over it as per design & details given in drawing/Architect instruction. Rate is inclusive of all necessary hardware & fixtures. | Sqm | 18.37 | 3,768 | 69,214 | 17.364 | 0 | 17.364 | -1.01 | 65,427.55 | - | 65,427.55 | -3,786.84 |
| 4.1.2 | FR Ply Panelling (directly over existing partition) | Providing & fixing panelling made of 6mm thk. FR Ply in the form of horizontal planks of width as mentioned in elevation drawing alongwith groove, fixed directly over the existing panelling, as per design & details given in drawing/Architect instruction. Rate is inclusive of all necessary hardware & fixtures. | Sqm | 16.61 | 1,600 | 26,576.00 | 0 | 31.95805 | 31.95805 | 15.35 | - | 51,132.88 | 51,132.88 | 24,556.88 |
| 4.1.3 | Bison Panelling (directly over existing partition) | Providing & fixing panelling made of 12mm thk. Bison Board fixed directly over the existing partition on left side of the kiosk to receive Vinyl graphic over it. Cove in same bond to made on all the four side as shown in detail drawing. Providing of electrical point for LED strip to be made in it as per design & details given in drawing/Architect instruction. Rate is inclusive of all necessary hardware & fixtures. | Sqm | 6.27 | 1,346 | 8,437 | 6.582 | 0 | 6.582 | 0.31 | 8,859.37 | - | 8,859.37 | 422.64 |
| 4.1.4 | 125mm deep Bison Board Partition (with Double Frame) | Providing & fixing 125mm deep partition made 12mm thk. Bison Board on both side of double MS framework 40x40mm @ 600mm c/c bothways (framework to be followed with Fire Resistant Coating) as per design & details given in drawing/Architect instruction. Rate is inclusive of all necessary hardware & fixtures. Note: 125mm depth to be achieve by double MS framework and bison board on both side of it. Finishes on both sides are exclusive of this depth. | Sqm | 8.80 | 5,100 | 44,880.00 | 8.775 | 0 | 8.775 | -0.03 | 44,752.50 | - | 44,752.50 | -127.50 |
| 4.1.5 | Base for Raised Floor | Providing & Fixing MS base for raised floor over existing airport's floor made out of 40x20mm MS hollow sections framework at 600mm c/c bothways (framework to be followed with Fire Resistant Coating) over existing finished floor of airport followed with 18mm thick shera board over it to receive tile flooring as shown in detailed drawing. Item to be completed in all respect including necessary hardware. | Sqm | 44.33 | 4,300 | 1,90,619.00 | 40.35 | 0 | 40.35 | -3.98 | 1,73,505.00 | - | 1,73,505.00 | -17,114.00 |
| 4.2 | | CLADDING WITH SS SHEET | | | | | | | | | | | | |
| 4.2.1 | SS Sheet Cladding MT-01 (directly over existing panelling) | Providing, making & fixing of 1mm thk. SS sheet (Grade 304), fixed over existing wall/panelling surfaces with approved adhesive behind rear counter and DB Box as shown in drawing, all to be made & fixed with necessary arrangements & hardware-screw, adhesive, etc., as per approved sample. Rate is inclusive of all wastage, all incidentals, cutting, fixing, lead, lift, scaffolding, staging, provision for opening if any required for MEP services, as shown in drawing, complete in all respect as per drawing, designs and directions by Architect/Project-In-charge. | Sqm | 7.02 | 6,350 | 44,577.00 | | 6.5164 | 6.5164 | -0.50 | - | 41,379.14 | 41,379.14 | -3,197.86 |
| | | Sub Total : | | | | 3,84,303 | | | | | | 2,92,544.42 | 92,512.02 | 3,85,056.44 |
| q | | MS/SS WORKS & MISCELLANEOUS WORK | | | | | | | | | | | | |
| 5.1 | | MS Pipe | | | | | | | | | | | | |



| BILL OF QUANTITIES- INTERIOR WORKS- RAB -02 | | | | | | | | | | | | | | |
|--|--------------------------------------|--|------|-------|--------|--------------------|------------|--------|-------------|--------|--------------------|--------------------|--------------------|-------------------|
| D 09-Swamy's, Check-in Gate, T3, Lucknow Airport | | | | | | | | | | | | | | |
| S. No. | Location | Description | Unit | Qty | Rate | Amount | QUANTITIES | | | | AMOUNT | | | |
| | MS Pipe | Providing & fixing 100x100mm MS hollow pipe vertically and horizontally to make structure support for the kiosk and ceiling. All the vertical pipes to be fixed on 12mm thk. MS base plate (refer detail drawing for exact thickness) with full penetration butt welded to base plate and filler stiffeners welded to base plate all around the column. Baseplate is fixed on existing floor with anchor bolts, full threaded anchors, anchorage length according to design. Horizontal box pipes to be fixed with vertical pipes with necessary plates, wedges, stiffeners & welding as required to make complete structure for the kiosks & bulkhead. Complete MS work to be followed with Fire Resistant Coating. Please refer the design & details given in drawing/Architect instruction. Rate is inclusive of all necessary hardware & fixtures. Running length vertical and horizontal box pipes to be measured. | Rm. | 43.78 | 3,000 | 1,31,340.00 | 33.44 | 0 | 33.44 | -10.34 | 1,00,320.00 | - | 1,00,320.00 | -31,020.00 |
| 5.2 | | MS Railing Providing and fixing MS railing made of outer MS frame of 50x38mm MS section finish in Paint PT-01 fixed over base for raised floor. Internal lower MS railing made of 12x12 mm MS pipe finish with Paint PT-04 to be fixed with outer MS frame. Upper internal portion made of 8mm thk. CNC cut jaali made of HDMR finish with PU Paint PT-03 fixed with outer MS frame. Top of the railing to be made of 20mm thk. pine wood plank fixed over outer MS frame and to be finish with neutral polish. Please refer the drawing for complete detail. Elevation area to be measured of railing. | Sqm | 4.40 | 12,500 | 55,000.00 | 0 | 4.0779 | 4.0779 | -0.32 | - | 50,973.75 | 50,973.75 | -4,026.25 |
| 5.3 | | SITE BARRICADING Providing and fixing MS framing with GI pre-painted corrugated sheet (3m high) to cover construction portion as indicated in architect's drawing including all fixing material as per requirement of the PMC, provision of secured pedestrian access doors through barricade including all civil work and foundation etc. The barricade will have to be retained and maintained by the contractor till the end of the project. The barricade must be structurally sound to withstand wind and other applicable loads. (ONLY ACTUAL SURFACE AREA OF THE COVERING TO BE MEASURED FOR PAYMENT ONCE UPTO THE COMPLETION OF THE WORK.) | Sqm | 81.94 | 2,932 | 2,40,236 | 81.8886244 | 0 | 81.88862439 | -0.05 | 2,40,097.45 | - | 2,40,097.45 | -138.32 |
| 5.4 | | PLANTERS Providing Planters as per selection. | Nos. | | 2,000 | | 0 | 16 | 16 | 16.00 | - | 32,000.00 | 32,000.00 | 32,000.00 |
| Sub Total | | | | | | 4,26,576 | | | | | 3,40,417.45 | 82,973.75 | 4,23,391.20 | (3,184.57) |
| 6.0 | WOOD WORK | | | | | | | | | | | | | |
| 6.1 | Front Counter Detail | Low Height Partition (in front of chilled food display) made of 19 mm thk. FR Ply from inside and 12mm thk. HDMR on outer side and top closed with same ply. Finishing of top & front of partition is as explained below and rear finished with Laminate LM-01 as shown in detail drawing. Providing & Fixing total 950mm deep complete POS counter. Complete box to be made up of 19mm thick FR Ply including shelves, shutters, drawers etc. and front made of 12mm thk. HDMR board. Top and front nosing of partition & complete counter to be finished with Corian CR-01. At front of counter, SS skirting to be provided of height as mentioned in drawing. Above that CNC cut 12mm thk. HDMR to be provided of pattern as shown in detail drawing finished with PU Paint PT-04. Further above this, 12mm thk. HDMR to be provided finished with PU Paint PT-03 followed with perforated MS sheet on front of it finished with PU Paint PT-01. Provision of LED strip to be made at bottom of nosing of counter & partition both. Rear surfaces of partition & counter and all internal visible surfaces & drawers, shutters of counter to be finished with Laminate LM-01. Sneeze Guard made of toughned glass of thickness as mentioned in drawing with chamfered edges to be provided at top of counter as shown in detail drawing. Cut-out for ban marie to be made in counter as shown in the drawing. Provision of POS machine and cash till/drawer to be made in the counter. Provision for wire manager, electrical etc to be completed as per details & design provided or as directed by Architect. Cost includes completing the job including all finishes with all necessary hard ware complete as mentioned in detail drawings. Elevation area shall be measured. Base Rate of Laminate - Rs.1400/- Per sheet. | Sqm | 6.05 | 41000 | 2,48,050.00 | 0 | 6.05 | 6.05 | - | - | 2,48,050.00 | 2,48,050.00 | - |
| 6.2 | Back Counter & DB Box Detail | Providing & Fixing total 750mm deep complete back counter and DB box cabinet made of 19mm thk. FR Ply. Complete box to be made up of 19mm thick FR Ply including shelves & shutters finished with laminate LM-01 from all visible surfaces. Provision of open space to be left at some area as shown in elevation/detail drawing to accommodate equipments under it. Shutter of DB box to be made louvered with 19mm thk. FR Ply finished with laminate LM-01 as shown in detail/elevation drawings. Providing & fixing concealed SS sink & counter mount mixer is included in the job. Top of counter and front nosing to be finished with Corian CR-01. Provision for sink, mixer, plumbing and electrical points etc to be completed as per details & design provided or as directed by Architect. Cost includes completing the job including all finishes with all necessary hard ware complete as mentioned in detail drawings. Elevation area shall be measured. Base Rate of Laminate - Rs.1400/- Per sheet. | Sqm | 7.02 | 25800 | 1,81,116.00 | 0 | 7.02 | 7.02 | - | - | 1,81,116.00 | 1,81,116.00 | - |
| 6.3 | Overhead Storage Cabinet | Providing and fixing in position 500mm deep Overhead Storage with a horizontal shelf in the center and openable shutters at front. Complete unit & shelf to be made of FR Ply of 19mm thk. finished with laminate LM-01 from all sides. Provision for 25x12mm aluminum strip light to be made under the unit as shown in detail drawing. Menu screens to be fixed over the openable shutters with clip-on system and the shutters behind these to be made upward openable with uplift shockers. Rate shall include all wastage, necessary hardware, fixtures. All complete as per the details, drawings or as directed by Architect/Engineer. Front Elevation Area to be Measured. Base Rate of Laminate - Rs.1400/- Per sheet. | Sqm | 3.85 | 18600 | 71,610.00 | 0 | 3.85 | 3.85 | - | - | 71,610.00 | 71,610.00 | - |
| 6.4 | Counter Bulkhead (On left and front) | Providing & fixing 200mm wide & 300mm high bulkhead made of double MS framework of 40x40mm (framework to be followed with Fire Resistant Coating) wrapped with 12mm thk. Bison board on both inside & out side surfaces & bottom. Outer surfaces & bottom of bulkhead to be provide with further 6mm FR Ply in horizontal planks finished with Laminate LM-01 and internal surface of bulkhead to be finish with PT-02. Provision to recess signage inside the bulkhead alongwith its electrical point to be made on both left side & front bulkhead. Support of bulkhead to be taken from MS structure provided inside rear bison panelling and bison partition on both left & right side. Please refer the elevation drawing and ceiling drawing for more details of bulkhead and partition/panelling. Rate is inclusive of all necessary hardware & fixtures. Running length of center line of bulkhead from top to be measured. | Rm. | 9.46 | 3,600 | 34,056.00 | 0 | 9.46 | 9.46 | - | - | 34,056.00 | 34,056.00 | - |
| 6.5 | Counter Bulkhead (On right) | Providing & fixing 125mm wide & 300mm high bulkhead made of double MS framework of 40x40mm (framework to be followed with Fire Resistant Coating) wrapped with 12mm thk. Bison board on both inside & out surfaces & bottom. Outer surfaces & bottom of bulkhead to be provide with further 6mm FR Ply in horizontal planks finished with Laminate LM-01 and internal surface of bulkhead to be finish with PT-02. Support of bulkhead to be taken from MS structure provided inside rear bison panelling and bison partition on right side. Please refer the elevation drawing and ceiling drawing for more details of bulkhead and partition/panelling. Rate is inclusive of all necessary hardware & fixtures. Running length of center line of bulkhead from top to be measured. | Rm. | 3.08 | 3,500 | 10,780.00 | 0 | 3.08 | 3.08 | - | - | 10,780.00 | 10,780.00 | - |
| 6.6 | Flap Door | Flap Door made of 19mm thk. FR Ply to receive 6mm FR Ply planks with laminate on outer surface & tile on inner surface with skirting on both surfaces as mentioned in detail drawing. Top of the flap door to be finished with Corian CR-01 as per detailed drawing & design. Item to be completed in all respect including necessary hardware. Outer surface area of flap door to be measured. | Sqm | 0.88 | 19,375 | 17,050.00 | 0 | 0.88 | 0.88 | - | - | 17,050.00 | 17,050.00 | - |
| 6.7 | Planter Boxes | Providing and fixing in position Planter Box of size - 2650mm long, 1050mm high & 200mm width (including all finishes). Box to be made of 12mm thk. HDMR fixed on all sides of double MS framework of size 40x40mm (framework to be followed with Fire Resistant Coating) fixed over existing raised MS base on the floor. Box to be finished with Corian CR-01 from top, then 8mm CNC cut HDMR finish in PU paint PT-04 over base of 12 thk. HDMR with PU paint finish PT-03. Further below it, 6mm thk. FR Ply finish with laminate LM-01 fixed over base of 12 mm thk HDMR and then SS skirting at the bottom to be provided as shown in detail drawings. Provision of electrical point for light fixtures to be made in planter box as per drawing. Rate shall include all wastage, necessary hardware, fixtures. All complete as per the details, drawings or as directed by Architect/Engineer. | Nos. | 2.00 | 74000 | 1,48,000.00 | 0 | 2.00 | 2 | - | - | 1,48,000.00 | 1,48,000.00 | - |
| Sub Total | | | | | | 7,10,662.00 | | | | | - | 7,10,662.00 | 7,10,662.00 | - |



| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|----|---|--|--|------|--------|------|---|------|------|-----|---------------|------|------|-------|--------------|
| 1 | BILL OF QUANTITIES- INTERIOR WORKS | | | | | | | | | | | | | | |
| 2 | D 09-Swamy's, Check-in Gate, T3, Lucknow Airport | | | | | | | | | | | | | | |
| 3 | RA1 | | | | | | | | | | RAB-02 | | | | |
| 4 | S. No. | Location | Description | Unit | PO Qty | L | B | H | No. | Qty | L | B | H | No. | Qty |
| 5 | 1.0 | Location | FLOORING, SKIRTING & CLADDING WORKS | | | | | | | | | | | | |
| 6 | 1.1 | | FLOORING | | | | | | | | | | | | |
| 7 | 1.1.1 | TL-01 (FOH Floor) | Providing & Laying FULL BODY VITRIFIED TILES TL-01 of Size, Make, Grout as specified in the drawing or material schedule, refer as shown in flooring layout. Plan area to be measured. Base Rate of Tile - Rs.100/- Sq.Ft | Sqm | 23.21 | | | | | | 5.85 | 3.96 | | 1.00 | 23.17 |
| 8 | | | | | | | | | | | | | | | |
| 9 | 1.1.2 | TL-03 (BOH Floor) | FULL BODY VITRIFIED TILE , Size- 600x600mm, Make - Nitco, Product Code - BELGIUM GREY TILE, refer as shown in detail drawing. Base Rate of Tile - Rs.100/- Sq.Ft. | Sqm | 17.93 | | | | | | 5.85 | 2.89 | | 1.00 | 16.91 |
| 10 | | | | | | | | | | | | | | | |
| 11 | 1.1.3 | Granite Jamb | 19mm thick STEEL GREY GRANITE Jamb under flap door, refer as shown in flooring drawing. Base Rate of Tile - Rs.180/- Sq.Ft | Rm. | 0.99 | | | | | | 1.68 | 0.93 | | | 1.56 |
| 12 | | | | | | | | | | | | | | | |
| 13 | 1.2 | | INLAY & TRANSITION PROFILE | | | | | | | | | | | | |
| 14 | | | Providing & fixing of Transition profile, custom made in desired location as per drawing, in between different types of flooring materials or wall cladding materials, including all necessary fixing arrangements etc. complete as per design and drawing as per satisfaction of Project Manager. | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | 1.3 | | TILE CLADDING | | | | | | | | | | | | |
| 17 | 1.3.1 | TL-02 (BOH Walls) | Providing & Laying Ceramic Wall Tile TL-02 of Size, Make, Grout as specified in the drawing or material schedule, refer as shown in wall finishes layout. Base Rate of Tile - Rs.150/- Sq.Ft. | Sqm | 10.89 | | | | | | | | | | 12.50 |
| 18 | | | Left wall | | | | | | | | 2.635 | 1.85 | | | 4.87 |
| 19 | | | Counter top | | | | | | | | 4.74 | 0.70 | | | 3.32 |
| 20 | | | door deduction | | | | | | | | (2.10) | 0.89 | | | (1.87) |
| 21 | | | Counter back wall | | | | | | | | 5.64 | 0.30 | | | 1.69 |
| 22 | | | Right wall | | | | | | | | 2.635 | 1.70 | | | 4.48 |
| 23 | | | | | | | | | | | | | | | |
| 24 | 1.4.1 | Tile Skirting | Providing & Fixing 100mm high skirting made of tile matching with Flooring TL03 to be provided as shown in the detail drawing and design. Base Rate of Tile - Rs.100/- Sq.Ft. | Rm. | 9.24 | | | | | | 0.70 | | | 4.00 | 2.80 |
| 25 | | | | | | | | | | | | | | | |
| 26 | 1.4.2 | SS Skirting | Providing & Fixing 50mm high SS skirting MT-01 to be provided in FOH as shown in the detail drawing and design. | Rm. | 12.43 | | | | | | 15.40 | | | | 15.40 |
| 27 | | | | | | | | | | | | | | | |
| 28 | 1.4.3 | SS Skirting | Providing & Fixing 100mm high SS skirting MT-01 to be provided in FOH as shown in the detail drawing and design. | Rm. | 6.49 | | | | | | 12.56 | | | | 12.56 |
| 29 | | | | | | | | | | | | | | | |
| 30 | 2.0 | | FALSE CEILING WORKS | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | |
| 32 | 2.1.1 | Aluminum Baffle Ceiling | Providing and fixing Aluminum Baffle Ceiling of baffle size 25x150mm suspended from MS structure above it with the help of necessary channels & fixtures, and as directed by Project Manager, including additional frame work for light fittings, etc. complete as per design & detailed drawing. Running length of baffles shall be measured for payment. Base Rate of Baffle - Rs.650/- Rm. | Rm. | 42.24 | | | | | | 2.44 | | | 16.00 | 39.04 |
| 33 | | | | | | | | | | | | | | | |
| 34 | 3.0 | | PAINTING WORKS | | | | | | | | | | | | |
| 35 | 3.1.1 | PT-02 (BOH Walls) | Providing and applying three (minimum) coats of PT-02 Royal Emulsion Luxury Paint, Make - Asian Paints, as specified in drawing, with a coat of approved primer including the cost of scraping, levelling & preparing the surfaces with filling materials (putty) required primer, along with sand papering wherever required, scaffolding etc. complete as per specs with giving necessary drying period for each coat of approved colours and shade with roller. Contractor must get sample approved by the Architect before executing. All complete to the entire satisfaction of Project Manager. Refer finishing schedule for the Paint code. | Sqm | 3.52 | | | | | | 0.30 | 5.64 | | | 1.69 |
| 36 | | | | | | | | | | | | | | | |
| 37 | 4.1 | | PARTITION & PANELLING WORK | | | | | | | | | | | | |
| 38 | 4.1.1 | Bison Board Panelling (with Double Frame) | Providing & fixing panelling made of 12mm thk. Bison Board on one side of double MS framework of 40x40mm @ 600mm c/c bothways (framework to be followed with Fire Resistant Coating) along with existing Airport's walls to receive different finishes (as specified) over it as per design & details given in drawing/Architect instruction. Rate is inclusive of all necessary hardware & fixtures. | Sqm | 18.37 | | | | | | 17.36 | | | | |
| 39 | | | back wall | | | 6.00 | | 2.70 | | | 16.20 | 6.00 | | | |
| 40 | | | Side façade | | | 0.30 | | 0.95 | 2.00 | | 0.57 | 0.30 | | | |
| 41 | | | | | | 0.12 | | 2.70 | | | 0.32 | 0.12 | | | |
| 42 | | | | | | 0.90 | | 0.30 | | | 0.27 | 0.90 | | | |
| 43 | | | | | | | | | | | | | | | |
| 44 | 4.1.2 | FR Ply Panelling (directly over existing partition) | Providing & fixing panelling made of 6mm thk. FR Ply in the form of horizontal planks of width as mentioned in elevation drawing alongwith groove, fixed directly over the existing panelling, as per design & details given in drawing/Architect instruction. Rate is inclusive of all necessary hardware & fixtures. | Sqm | 16.61 | | | | | | | | | | 31.96 |
| 45 | | | Back side | | | | | | | | 6.00 | | 2.70 | | 16.20 |
| 46 | | | Left side | | | | | | | | 2.00 | | 2.70 | | 5.40 |
| 47 | | | less door | | | | | | | | (0.89) | | 2.10 | | (1.87) |
| 48 | | | Pillar | | | | | | | | 0.42 | | 1.09 | | 0.45 |
| 49 | | | Patta | | | | | | | | 1.68 | | 0.14 | | 0.24 |
| 50 | | | Bottom of top patta | | | | | | | | 0.84 | | 0.30 | 2.00 | 0.50 |
| 51 | | | Façade | | | | | | | | 6.00 | | 0.30 | | 1.80 |
| 52 | | | Façade bottom | | | | | | | | 6.00 | | 0.20 | | 1.20 |
| 53 | | | Right wall | | | | | | | | 2.00 | | 2.70 | | 5.40 |
| 54 | | | Right vertical patta | | | | | | | | 0.20 | | 2.40 | | 0.48 |
| 55 | | | bottom of cantilever | | | | | | | | 0.84 | | 0.30 | 2.00 | 0.50 |
| 56 | | | flap door area | | | | | | | | 2.185 | | 0.30 | 1.00 | 0.66 |
| 57 | | | | | | | | | | | 2.49 | | 0.20 | 2.00 | 1.00 |
| 58 | | | | | | | | | | | | | | | |
| 59 | 4.1.3 | Bison Panelling (directly over existing partition) | Providing & fixing panelling made of 12mm thk. Bison Board fixed directly over the existing partition on left side of the kiosk to receive Vinyl graphic over it. Cove in same bison to made on all the four side as shown in detail drawing. Providing of electrical point for LED strip to be made in it as per design & details given in drawing/Architect instruction. Rate is inclusive of all necessary hardware & fixtures. | Sqm | 6.27 | | | | | | 6.58 | | | | |
| 60 | | | façade | | | 6.00 | | 0.80 | | | 4.80 | | | | |
| 61 | | | | | | 0.66 | | 2.70 | | | 1.78 | | | | |
| 62 | | | | | | | | | | | | | | | |
| 63 | 4.1.4 | 125mm deep Bison Board Partition (with Double Frame) | Providing & fixing 125mm deep partition made 12mm thk. Bison Board on both side of double MS framework 40x40mm @ 600mm c/c bothways (framework to be followed with Fire Resistant Coating) as per design & details given in drawing/Architect instruction. Rate is inclusive of all necessary hardware & fixtures. Note: 125mm depth to be achieve by double MS framework and bison board on both side of it. Finishes on both sides are exclusive of this depth. | Sqm | 8.80 | | | | | | 8.78 | | | | |
| 64 | | | side wall | | | 1.97 | | 2.70 | | | 5.32 | | | | |
| 65 | | | side wall2 | | | 1.28 | | 2.70 | | | 3.46 | | | | |
| 66 | | | | | | | | | | | | | | | |



| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|----|---|--|---|-------------|---------------|------------|----------|----------|--------------|------------|---------------|----------|----------|------------|-------------|
| 1 | BILL OF QUANTITIES- INTERIOR WORKS | | | | | | | | | | | | | | |
| 2 | D 09-Swamy's, Check-in Gate, T3, Lucknow Airport | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | |
| 4 | S. No. | Location | Description | Unit | PO Qty | RA1 | | | | | RAB-02 | | | | |
| | | | | | | L | B | H | No. | Qty | L | B | H | No. | Qty |
| 67 | 4.1.5 | Base for Raised Floor | Providing & Fixing MS base for raised floor over existing airport's floor made out of 40x20mm MS hollow sections framework at 600mm c/c bothways (framework to be followed with Fire Resistant Coating) over existing finished floor of airport followed with 18mm thick shera board over it to receive tile flooring as shown in detailed drawing. Item to be completed in all respect including necessary hardware. | Sqm | 44.33 | 6.00 | 6.73 | | | 40.35 | | | | | |
| 68 | | | | | | | | | | | | | | | |
| 69 | 4.2 | | CLADDING WITH SS SHEET | | | | | | | | | | | | |
| 70 | 4.2.1 | SS Sheet Cladding MT-01 (directly over existing panelling) | Providing, making & fixing of 1mm thk. SS sheet (Grade 304), fixed over existing wall/panelling surfaces with approved adhesive behind rear counter and DB Box as shown in drawing, all to be made & fixed with necessary arrangements & hardware-screw, adhesive, etc., as per approved sample. Rate is inclusive of all wastage, all incidentals, cutting, fixing, lead, lift, scaffolding, staging, provision for opening if any required for MEP services, as shown in drawing, complete in all respect as per drawing, designs and directions by Architect/Project-In-charge. | Sqm | 7.02 | | | | | | | | | | 6.52 |
| 71 | | | | | | | | | | | 0.44 | 0.77 | | 17.00 | 5.76 |
| 72 | | | | | | | | | | | 0.44 | 0.22 | | 8.00 | 0.76 |
| 73 | | | | | | | | | | | | | | | |
| 74 | q | | MS/SS WORKS & MISCELLANEOUS WORK | | | | | | | | | | | | |
| 75 | 5.1 | | MS Pipe | | | | | | | | | | | | |
| 76 | | MS Pipe | Providing & fixing 100x100mm MS hollow pipe vertically and horizontally to make structure support for the kiosk and ceiling. All the vertical pipes to be fixed on 12mm thk. MS base plate (refer detail drawing for exact thickness) with full penetration butt welded to base plate and filler stiffners welded to base plate all around the column. Baseplate is fixed on existing floor with anchor bolts, full threaded anchors, anchorage length according to design. Horizontal box pipes to be fixed with vertical pipes with necessary plates, wedges, stiffners & welding as required to make complete structure for the kiosks & bulkhead. Complete MS work to be followed with Fire Resistant Coating. Please refer the design & details given in drawing/Architect instruction. Rate is inclusive of all necessary hardware & fixtures. Running length vertical and horizontal box pipes to be measured. | Rm. | 43.78 | 33.44 | | | 33.44 | 33.44 | | | | | |
| 77 | | | | | | | | | | | | | | | |
| 78 | 5.2 | | MS Railing | | | | | | | | | | | | |
| 79 | | | Providing and fixing MS railing made of outer MS frame of 50x38mm MS section finish in Paint PT-01 fixed over base for raised floor. Internal lower MS railing made of 12x12 mm MS pipe finish with Paint PT-04 to be fixed with outer MS frame. Upper internal portion made of 8mm thk. CNC cut jaali made of HDMR finish with PU Paint PT-03 fixed with outer MS frame. Top of the railing to be made of 20mm thk. pine wood plank fixed over outer MS frame and to be finish with neutral polish. Please refer the drawing for complete detail. Elevation area to be measured of railing. | Sqm | 4.40 | | | | | | 0.985 | 1.38 | | 3.00 | 4.08 |
| 80 | | | | | | | | | | | | | | | |
| 81 | 5.3 | | SITE BARRICADING | | | | | | | | | | | | |
| 82 | | | Providing and fixing MS framing with GI pre-painted corrugated sheet (3m high) to cover construction portion as indicated in architect's drawing including all fixing material as per requirement of the PMC, provision of secured pedestrian access doors through barricade including all civil work and foundation etc. The barricade will have to be retained and maintained by the contractor till the end of the project. The barricade must be structurally sound to withstand wind and other applicable loads. (ONLY ACTUAL SURFACE AREA OF THE COVERING TO BE MEASURED FOR PAYMENT ONCE (UPTO THE COMPLETION OF THE WORK.) | Sqm | 81.95 | | | | 81.89 | | | | | | |
| 83 | | | Front wall | | | 13.35 | | 3.04 | 1.00 | 40.58 | 13.35 | | | | |
| 84 | | | side wall | | | 8.7 | | 3.04 | | 26.45 | 8.7 | | | | |
| 85 | | | acp wall | | | 6.10 | | 1.22 | | 7.44 | 6.10 | | | | |
| 86 | | | opposite acp wall2 | | | 1.22 | | 3.04 | | 3.71 | 1.22 | | | | |
| 87 | | | opposite acp wall1 | | | 1.22 | | 3.04 | | 3.71 | 1.22 | | | | |
| 88 | | | | | | | | | | | | | | | |
| 89 | 5.4 | | PLANTERS | | | | | | | | | | | | |
| 90 | | | Providing Planters as per selection. | Nos. | 16.00 | | | | | | 16 | | | | 16 |
| 91 | | | | | | | | | | | | | | | |
| 92 | 6.0 | | WOOD WORK | | | | | | | | | | | | |
| 93 | 6.1 | Front Counter Detail | | Sqm | 6.05 | | | | | | | | | | 6.05 |
| 94 | 6.2 | Back Counter & DB Box Detail | | Sqm | 7.02 | | | | | | | | | | 7.02 |
| 95 | 6.3 | Overhead Storage Cabinet | | Sqm | 3.85 | | | | | | | | | | 3.85 |
| 96 | 6.4 | Counter Bulkhead (On left and front) | | Rm. | 9.46 | | | | | | | | | | 9.46 |
| 97 | 6.5 | Counter Bulkhead (On right) | | Rm. | 3.08 | | | | | | | | | | 3.08 |
| 98 | 6.6 | Flap Door | | Sqm | 0.88 | | | | | | | | | | 0.88 |
| 99 | 6.7 | Planter Boxes | | Nos. | 2.00 | | | | | | | | | | 2.00 |



| BILL OF QUANTITIES FOR PLUMBING WORK | | | | | | | | | | | | | | |
|--------------------------------------|--------------------------------|---|------|-------|-----------------|-----------|----------|-------|-------------|-----------|---------------|-----------------|-----------------|-----------------|
| SR. NO. | MATERIAL | DESCRIPTION | UNIT | QTY. | RATE | AMOUNT | QUANTITY | | | | AMOUNT | | | |
| | | | | | | | RA-01 | RA-02 | Cummulative | Variation | RA-01 | RA-02 | Cummulative | Variation |
| 1.00 | | WATER SUPPLY PIPES | | | | | | | | | | | | |
| | CPVC Pipes | Supply, laying, testing & commissioning of FOOD GRADE CPVC pipes conforming to CTS (Copper Tube Size) SDR-11 as per (is 15778 ASTM D 2846) with necessary fittings up to the size of 50 mm dia. (Make – SUPREME / KASTA) including all necessary fitting as per site. | | | | | | | | | | | | |
| 1.01 | | 15mm dia | R.M. | | 75.00 | - | | | | | | | | |
| 1.02 | | 20mm dia | R.M. | 15.00 | 90.00 | 1,350.00 | 6.25 | | 6.25 | -8.75 | 562.5 | 0 | 562.5 | -787.50 |
| 1.03 | | 25mm dia | R.M. | | 125.00 | - | | | | | | | | |
| | | TOTAL | | | 1350.00 | | | | | | 562.50 | 0.00 | 562.50 | -787.50 |
| 2.00 | | WATER DRAIN PIPES | | | | | | | | | | | | |
| | UPVC WASTE PIPE | UPVC Pipe for Drainage (Make – SUPREME / KASTA) including all necessary fitting as per site. | | | | | | | | | | | | |
| 2.01 | | 150mm dia | R.M. | | 950.00 | - | | | | | | | | |
| 2.02 | | 100mm dia | R.M. | | 450.00 | - | | | | | | | | |
| 2.03 | | 75mm dia | R.M. | | 250.00 | - | | | | | | | | |
| 2.04 | | 50mm dia | R.M. | 7.00 | 200.00 | 1,400.00 | 2.2 | | 2.2 | -4.80 | 440 | 0 | 440 | -960.00 |
| | | TOTAL | | | 1400.00 | | | | | | 440.00 | 0.00 | 440.00 | -960.00 |
| 3.00 | | CHAMBER & GRATING | | | | | | | | | | | | |
| 3.01 | INSPECTION CHAMBER | Supply, Laying, Testing & Commissioning of Approved SS Inspection Chamber along of Size-300mmx300mm with SS Cover & SS Grating over it. Make Jaquar / Ozone. Including trenching and finishing with ceramic tiles as per dwg and details. | Nos. | 0.00 | 5,000.00 | - | | | | | | | | |
| 3.02 | OPEN GRATING | Providing & Fixing 20mm heavy quality SS triple layer Grating along with Perforated Mesh & Angle Frame of width 200mm, complete as per detail Drawings. Rate inclusive of chamber construction | | | | | | | | | | | | |
| | | Size - 560mm x 200mm | R.M. | | 4,500.00 | - | | | | | | | | |
| | | Size - 1000mm x 200mm | R.M. | | 6,000.00 | - | | | | | | | | |
| | | TOTAL | | | 0.00 | | | | | | | | | |
| 4.00 | | FLOOR TRAP | | | | | | | | | | | | |
| 4.01 | FLOOR TRAP | Supply, Laying, Testing & Commissioning of 75x75mm Floor Trap with Approved Make heavy duty round or Square. | Nos. | | 10,000.00 | - | | | | | | | | |
| | | TOTAL | | | 0.00 | | | | | | | | | |
| 5.00 | | VALVE AND TAP | | | | | | | | | | | | |
| 5.01 | ANGLE VALVE | Providing & Fixing Angle Valve with connector pipe. | Nos. | 5.00 | 2,500.00 | 12,500.00 | 0 | 5 | 5 | 0.00 | 0 | 12500 | 12500 | - |
| 5.02 | LONG BODY TAP | Providing & Fixing Sink Cock. with foot operated | Nos. | | 4,500.00 | - | | | | | | | | |
| 5.03 | Table Mixer | Providing & Fixing Sink Cock. | Nos. | 1.00 | 3,500.00 | 3,500.00 | 0 | 1 | 1 | 0.00 | 0 | 3500 | 3500 | - |
| 5.04 | Gate Valves | Providing & Fixing PPR Ball Valve ISI mark. (For Inlet) | Nos. | 1.00 | 2,500.00 | 2,500.00 | 0 | 0 | 0 | -1.00 | 0 | 0 | 0 | -2,500.00 |
| | | TOTAL | | | 18500.00 | | | | | | 0.00 | 16000.00 | 16000.00 | -2500.00 |
| 6.00 | | ACCESSORIES | | | | | | | | | | | | |
| 6.01 | Grease Trap | Providing & Fixing of portable grease trap NGT-14 from Nuareen | Nos. | | 35,000.00 | - | | | | | | | | |
| 6.02 | Grease Trap | Providing & Fixing of portable grease trap NGT-50 from Nuareen | Nos. | | 35,000.00 | - | | | | | | | | |
| 6.03 | Bottle Trap | Providing & fixing 32mm CP finished Bottle Trap with wall flanges. (Make – JAQUAR / OZONE) | Nos. | | 1,500.00 | - | | | | | | | | |
| 6.04 | Water Meter | 25mm Dia Water meter | Nos. | 1.00 | 5,000.00 | 5,000.00 | | 1 | 1 | 0.00 | 0 | 5000 | 5000 | - |
| 6.05 | GEYSER | 6 LITER GEYSER | Nos. | 1.00 | 6,500.00 | 6,500.00 | | 1 | 1 | 0.00 | 0 | 6500 | 6500 | - |
| 6.06 | GEYSER | 35 LITER GEYSER | Nos. | | 15,000.00 | - | | | | | | | | |
| 6.07 | Waste Coupling | Providing Waste Coupling 32mm size full thread waste coupling to be use for 3-bowl sink. | Nos. | | 850.00 | - | | | | | | | | |
| 6.08 | Water supply connection | water supply connection taken from existing point complete with all necessary fittings. | Nos. | 1.00 | 8,250.00 | 8,250.00 | | 1 | 1 | 0.00 | 0 | 8250 | 8250 | - |
| 6.09 | Drainage connection | Drainage connection connect to existing drain point complete with all necessary fittings including cleanout plug | Nos. | 1.00 | 10,000.00 | 10,000.00 | | 1 | 1 | 0.00 | 0 | 10000 | 10000 | - |
| 6.10 | Pressure Pump | Pressure Pump | Nos. | | 5,000.00 | - | | | | | | | | |
| 6.11 | RO Plant | Providing and fixing of RO Plant on MS platform with all necessary valves and fitting required. | Nos. | | 45,000.00 | - | | | | | | | | |
| 6.12 | Domestic RO | Providing and fixing of Domestic RO with water storage with all necessary valves and fitting required. | Nos. | | 20,000.00 | - | | 1 | 1 | 1.00 | 0 | 20000 | 20000 | 20,000.00 |

| | | | | | | | | | | | | | | |
|--------------------|-----------------------------|---|------|--|-----------------|---|--|--|--|----------------|-----------------|-----------------|-----------------|--|
| 6.13 | Water Tank | Providing and fixing of 200 Ltr. Storage Loft Tank on MS Platform with all necessary valves and fitting required. | Nos. | | 3,000.00 | - | | | | | | | | |
| 6.14 | Trench (125 mm wide) | Making 125 mm wide 300 mm deep trench with 4" thk. Block wall on both side of trench. Floor & inner surfaces of walls to be finished with plaster followed with 12mm ceramic tiles. Top of the trench to be covered with floor tile fixed inside L-angle frame placed over another L-angle which is fixed on trench top, complete as per dwg/details. Rate inclusive of making trench, providing finish tiles & top tiles in frame. | RMT | | 2,500.00 | - | | | | | | | | |
| TOTAL | | | | | 29750.00 | | | | | 0.00 | 49750.00 | 49750.00 | 20000.00 | |
| GRAND TOTAL | | | | | 51000.00 | | | | | 1002.50 | 65750.00 | 66752.50 | 15752.50 | |



PH AT MALDIVES BILL OF QUANTITIES - FIRE FIGHTING WORKS

| BILL OF QUANTITIES FOR LIGHTING | | | | | | | | | | | | |
|---------------------------------|--|------|---------|----------|------------------|-------|-------|------|--------|------------------|------------------|-----------|
| S.NO. | DISCRIPTION | UNIT | PO QTY. | RATE | AMOUNT | QTY | | | AMOUNT | | | |
| | | | | | | RA-01 | RA-02 | Cum. | RA-01 | RA-02 | Cum. | Variation |
| 1.01 | 2M TRACK, BLACK FINISH | NOS | 4.0 | 1800.00 | 7,200.00 | | 4 | 4 | | 7200 | 7200 | - |
| 1.02 | SPOT LIGHT, 9W LED, 36°,3500K, IP 20, BLACK FINISH HEIGHT-2550 BOTTOM Make- G-Home LED, Item Code- G28-9W-3K-14-T | NOS | 12.0 | 1,300.00 | 15,600.00 | | 12 | 12 | | 15600 | 15600 | - |
| 1.03 | Hanging Filament LED 8W A60 Lamp 3000K HANG ON CABLE TRAY HEIGHT-1700 BOTTOM HEIGHT-2000 BOTTOM HEIGHT-2100 BOTTOM Make- Bespoke | NOS | 27.0 | 1,410.00 | 38,070.00 | | 27 | 27 | | 38070 | 38070 | - |
| 1.04 | FLEXIBLE LAMP WITH LED Light Bulb Oval shaped, golden finishing, E27,5W, 3000K,600MM HT Make- Bespoke | NOS | 8.0 | 3,500.00 | 28,000.00 | | 8 | 8 | | 28000 | 28000 | - |
| 1.05 | LED STRIP LIGHTS WITH ALUMINUM CHANNEL 5V PER METER, 4500K Make- G-Home LED, Item Code- | R.MT | 17.0 | 480.00 | 8,160.00 | | 17 | 17 | | 8160 | 8160 | - |
| TOTAL | | | | | 97,030.00 | | | | - | 97,030.00 | 97,030.00 | - |



D-09_SWAMY'S_Lucknow Airport.

Bill Of Material - Electrical Works - RAB-02

| S. No. | Description | Unit | PO Qty. | Rate (Rs.) | Amount (Rs.) | QTY | | | AMOUNT | | |
|----------|---|------|---------|---------------|-----------------|--------|--------|-------|--------|-----------|-----------|
| | | | | | | RAB-01 | RAB-02 | Cumm. | RAB-01 | RAB-02 | Cumm. |
| 1 | DISTRIBUTION BOARDS | | | | | | | | | | |
| | Supply, erection, testing and commissioning of the following sheet steel clad wall recess mounting dust and vermin proof double door type distribution boards constructed from 16 SWG sheet steel IP 42 construction, finished with rust proof duly powder coated in approved shade with hinged gasketed door and housing the following complete with P.V.C. insulated copper busbars rated 200 amp with interconnections, neutral and earth bar assembly per phase, earthing terminals complete as approved by Architects. | | | | | | | | | | |
| | Note : All MCBs in distribution board for power circuits shall be of C curve | | | | | | | | | | |
| 1.1 | Type A | | | | | | | | | | |
| | 1-63amp FP MCB with 3 single phase banks each comprising of 63A DP RCCB(100 mA) and 8 nos. 6/16/20/25 amps SP 10 kA MCB(Type C) with thermal magnetic protective releases out goings. | 1 | Set | 23,800.00 | 23,800.00 | | 1 | 1 | - | 23,800.00 | 23,800.00 |
| 1.2 | Type B | | | | | | | | | | |
| | 1-32 amp DP MCB + DP RCCB (100mA) and 8 nos. 6/16/20/25 amps SP 10 kA MCB(Type C) with thermal magnetic protective releases out goings. | 1 | Set | 18,800.00 | 18,800.00 | | 1 | 1 | - | 18,800.00 | 18,800.00 |
| 1.3 | Type C | | | | | | | | | | |
| | 1-20 amp DP MCB + DP RCCB (100mA) and 4 nos. 6/16/20/25 amps SP 10 kA MCB(Type D) with thermal magnetic protective releases out goings. | 1 | Set | 15,500.00 | 15,500.00 | | 1 | 1 | - | 15,500.00 | 15,500.00 |
| 2 | Supply installation testing and commissioning 1.0 kVA online (1ph input and 1ph output) UPS with 15 Min power back up complete with in buit Static by pass switch , Mannual external maintenance by pass switch , Rectifiers , Sealed MF batteries etc as required | 1 | No. | 75,000.00 | 75,000.00 | | | 1 | - | 75,000.00 | 75,000.00 |
| 3 | Supply, laying, testing & commissioning of following sizes of Cu. conductor 1.1 kV grade, armoured, XLPE insulated FRLS LT Cables/ Control Cables including necessary cleats, clamps etc. (Cables shall be partly laid in Pipes, O/H cable tray, on wall as required) | | | | | | | | | | |
| 3.1 | 4C – 16.0 (Cu.) FRLS Armoured XLPE Cable * | 20 | Mtrs | 1,600.00 | 32,000.00 | | 19 | 19 | - | 30,400.00 | 30,400.00 |
| 3.2 | 3C – 4.0 (Cu.) FRLS Armoured XLPE Cable | 10 | Mtrs | 550.00 | 5,500.00 | | 9 | 9 | - | 4,950.00 | 4,950.00 |
| | * Approximate and shall be as per point of supply from Airport Panel/ Isolator | | | | | | | | | | |
| 4 | Supply, erection, testing & commissioning of following sizes of cable end terminations with Single compression gland for 1.1 kV grade, XLPE insulated, Cu Conductor cable | | | | | | | | | | |
| 4.1 | 4C – 16.0 (Cu.) FRLS Armoured XLPE Cable | 2 | Nos. | 650.00 | 1,300.00 | | 2 | 2 | - | 1,300.00 | 1,300.00 |
| 4.2 | 3C – 4.0 (Cu.) FRLS Armoured XLPE Cable | 2 | Nos. | 450.00 | 900.00 | | 2 | 2 | - | 900.00 | 900.00 |
| 5 | Wiring for DB Submains with PVC insulated stranded copper conductor 1100 volt grade wires (FRLS) in surface/concealed MS surface/concealed conduit including cost of providing saddles etc as required for surface conduiting and/or cost of cutting and filling chases as required and making suitable end termination with copper lugs complete as required and as below | | | | | | | | | | |
| 5.1 | 2 x 6 sq.mm + 1 No. 4 Sq. mm in 25 mm dia MS Conduit | 15 | Mtrs | 320.00 | 4,800.00 | | 15 | 15 | - | 4,800.00 | 4,800.00 |
| 5.2 | 2 x 4 sq.mm + 1 No. 2.5 Sq. mm in 25 mm dia MS Conduit | 115 | Mtrs | 330.00 | 37,950.00 | | 113 | 113 | - | 37,290.00 | 37,290.00 |
| 6 | Supplying and laying of the following earthing clamped to wall with suitable clamps saddles and fixing bolts/ in ground including the cost of digging and back filling as required and complete as required to comply with IS 3043:1987. All copper joints shall be tinned. The rates shall be inclusive of making test joints where ever required | | | | | | | | | | |
| 6.1 | 25X3 mm GI Strip | RO | Mtrs | 125.00 | | | | | | | |
| 6.2 | 8 SWG Copper Wire | 20 | Mtrs | 150.00 | 3,000.00 | | 20 | 20 | - | 3,000.00 | 3,000.00 |
| 6.3 | 8 SWG GI Wire | 50 | Mtrs | 75.00 | 3,750.00 | | 50 | 50 | - | 3,750.00 | 3,750.00 |
| 6.4 | 1 Core 4.0 Sq. Mm FRLS Green Wire | 25 | Mtrs | 65.00 | 1,625.00 | | 25 | 25 | - | 1,625.00 | 1,625.00 |

| | | | | | | | | | | | |
|-----|---|----|------|----------|-----------|--|--|----|---|-----------|-----------|
| | | | | | - | | | | | | |
| 7 | Supply, erection, testing & commissioning of prefabricated GI Perforated type cable trays including Tees / Bends / Crossing / Reducers / Couping to be laid in cable trench, overhead on wall or hanged from ceiling complete with all accessories as required including support at every 1500mm as required | | | | - | | | | | | |
| 7.1 | 150 mm x 40 x 40 x 2 mm thick with 2 Nos. 25X3mm GI Earth Strip | RO | Mtrs | 450.00 | - | | | | | | |
| 8 | Wiring for MCB controlled normal primary light points/ Wall Point/ Floor Point with 1.5 sq. mm PVC insulated stranded copper conductor 1100 Volt grade FRLS wires in 25 mm dia 16 SWG MS conduit in wall / ceiling including cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and including the cost of running 1.5 Sq. mm PVC insulated copper conductor wire for loop earthing etc. complete as required. (Cost of MCB included in the item for per DB). | 8 | Pt | 1,250.00 | 10,000.00 | | | 8 | - | 10,000.00 | 10,000.00 |
| 9 | Wiring for secondary MCB controlled normal light points/ Wall Point/ Floor Point(Looped from above point) with 1.5 sq. mm PVC insulated stranded copper conductor 1100 Volt grade FRLS wires in 25 mm 16 SWG MS conduit in wall / ceiling including cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and including the cost of running 1.5 Sq mm PVC insulated copper conductor wire for loop earthing etc. complete as required. | 35 | Pt | 950.00 | 33,250.00 | | | 35 | - | 33,250.00 | 33,250.00 |
| 10 | Wiring for MCB controlled Emergency primary light points/ Wall Point/ Floor Point with 1.5 sq. mm PVC insulated stranded copper conductor 1100 Volt grade FRLS wires in 25 mm dia 16 SWG MS conduit in wall / ceiling including cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and including the cost of running 1.5 Sq. mm PVC insulated copper conductor wire for loop earthing etc. complete as required. (Cost of MCB included in the item for per DB). | 1 | Pt | 1,800.00 | 1,800.00 | | | 1 | - | 1,800.00 | 1,800.00 |
| 11 | Wiring for secondary MCB controlled Emergency light points/ Wall Point/ Floor Point(Looped from above point) with 1.5 sq. mm PVC insulated stranded copper conductor 1100 Volt grade FRLS wires in 25 mm 16 SWG MS conduit in wall / ceiling including cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and including the cost of running 1.5 Sq mm PVC insulated copper conductor wire for loop earthing etc. complete as required. | 1 | Pt | 2,100.00 | 2,100.00 | | | 1 | - | 2,100.00 | 2,100.00 |
| 12 | Wiring for a 5 pin 240 volt 6 amp single phase and neutral switch socket outlet with 2.5 sq. mm PVC insulated stranded copper conductor 1100 Volt grade wires (FRLS) in 25mm dia 16 SWG MS conduit in wall / ceiling including cost of providing circuit wiring with 2.5 sq mm PVC insulated stranded copper conductor 1100 volt grade wires and including cost of cutting and filling chases for recessed conduiting and supports in case of surface conduit including all bends , saddles , Junction boxes etc and providing and fixing of a combined 5 pin 240 volt 6 amp socket outlet with safety shutters and 6 amp 240 volt single pole grid plate mounted switch with moulded cover plate in recessed GI box and including earthing of the 3rd pin with 1.5 sq mm 1100 volt grade PVC insulated stranded copper conductor wires complete as required(Switch and socket shall be as approved by the architect / Client) | 2 | Pt. | 950.00 | 1,900.00 | | | 2 | - | 1,900.00 | 1,900.00 |
| 13 | Wiring same as in Item 12 above looped from an adjacent 6 amp switch socket outlet as required and providing and fixing of a modular type 5 pin 240 Volt 6 amp shuttered socket outlet and a modular type 6 amp 240 Volt single pole switch in a recessed GI boxes with internal wiring and moulded front plates complete as required. (Switch and socket shall be as approved by the architect / Client) | 6 | Pt. | 850.00 | 5,100.00 | | | 6 | - | 5,100.00 | 5,100.00 |
| 14 | Same as above but switch and socket provided at separate location including wiring between switch and socket and complete as required | RO | Pt. | 1,500.00 | - | | | | | | |
| | | | | | - | | | | | | |













| | | | | | | | | | | | |
|---|---|----|------|----------|--------------------|--|----|----|---|--------------------|--------------------|
| 23 | Supply , fixing & Laying 16 SWG MS conduits on surface or concealed complete with PVC junction boxes, cover plates, bends, saddles, base and other accessories all made in PVC with GI screws as required to complete the job. . | | | | - | | | | | | |
| | | | | | - | | | | | | |
| i | 25 mm dia 16 SWG MS conduit | RO | Mtrs | 110.00 | | | | | | | |
| ii | 20 mm dia 16 SWG MS conduit | RO | Mtrs | 90.00 | | | | | | | |
| | | | | | - | | | | | | |
| 24 | Supply and installation of flush mounted (Enhanced Category 6T 568 A or B) outlets with 2 mm thick GI box complete including cutting, chases, fixing of GI boxes and making good. The plastic shall be high impact, flame-retardant, UL rate thermoplastic. Dust cover / blank shall be provided to protect unused faceplate openings. Termination caps and plastic cover shall be provided to protect jack wiring. | | | | - | | | | | | |
| i | Single outlet face plate with RJ-45 Jack with information outlet | 1 | Nos. | 740.00 | 740.00 | | 1 | 1 | - | 740.00 | 740.00 |
| ii | Duplex outlet face plate with RJ-45 Jack with information outlet | 1 | Nos. | 870.00 | 870.00 | | 1 | 1 | - | 870.00 | 870.00 |
| | | | | | - | | | | | | |
| 25 | Supply,installtion testing and commisioning of Cat-6A UTP cables in existing Conduit complete as required for Telephone and Data System | 40 | Mtrs | 50.00 | 2,000.00 | | 38 | 38 | - | 1,900.00 | 1,900.00 |
| | | | | | - | | | | | | |
| 26 | Supplying,installation and commisioning of CAT-6A patch cords 2 mtrs. | 3 | Nos | 1,000.00 | 3,000.00 | | 3 | 3 | - | 3,000.00 | 3,000.00 |
| | | | | | - | | | | | | |
| 27 | Supplying,installation and commisioning of CAT-6A patch cords 1 mtr. | 3 | Nos | 750.00 | 2,250.00 | | 3 | 3 | - | 2,250.00 | 2,250.00 |
| | | | | | - | | | | | | |
| 28 | Installation of following light fixtures including connections and complete in all respects | | | | - | | | | | | |
| | | | | | - | | | | | | |
| i | Track Light(8 X 3 Watt) on Normal Supply | 4 | No. | 900.00 | 3,600.00 | | 4 | 4 | - | 3,600.00 | 3,600.00 |
| ii | Filament Light | 27 | No. | 900.00 | 24,300.00 | | 27 | 27 | - | 24,300.00 | 24,300.00 |
| | | | | | - | | | | | | |
| iii | 5W Bulb | 4 | No. | 150.00 | 600.00 | | 4 | 4 | - | 600.00 | 600.00 |
| iv | LED Strip Light (Per Meter) | 17 | Mtrs | 550.00 | 9,350.00 | | 16 | 16 | - | 8,800.00 | 8,800.00 |
| iv | Signage | 2 | No. | 2,000.00 | 4,000.00 | | 2 | 2 | - | 4,000.00 | 4,000.00 |
| | | | | | - | | | | | | |
| Total For Electrical Works - INR | | | | | 3,84,985.00 | | | | - | 3,81,325.00 | 3,81,325.00 |



| CCTV & MUSIC BOQ_ D-09_SWAMY'S_Lucknow Airport | | | | | | QTY | | | AMOUNT | | |
|--|---|-----|-------|-----------|------------------|-------|-------|------|--------|------------------|------------------|
| S.No | Items | Qty | Unit | Rate | Amount | RA-01 | RA-02 | Cum | RA-01 | RA-02 | Cum |
| 1 | Dome Cameras (Surface mounted) integrated with airport | 3 | Nos. | 4,500.00 | 13,500.00 | 0.00 | 3 | 3.00 | - | 13,500.00 | 13,500.00 |
| 2 | Dome Cameras (hanged with suspension rod from slab | 0 | Nos. | 4,500.00 | - | | | | | | |
| 3 | 4 Channel Digital Video Recorder - Supported 1 Hard disk upto 6TB | 1 | Nos. | 14,000.00 | 14,000.00 | 0.00 | 1 | 1.00 | - | 14,000.00 | 14,000.00 |
| 4 | CEILING SUSPENDEd CAMERA PIPE | 0 | Nos. | 1,000.00 | - | | | | | | |
| 5 | Hard Disk - SURVEILLANCE - 4TB | 1 | Nos. | 10,000.00 | 10,000.00 | 0.00 | 1 | 1.00 | - | 10,000.00 | 10,000.00 |
| 6 | Screen | 1 | Nos. | 15,000.00 | 15,000.00 | 0.00 | 1 | 1.00 | - | 15,000.00 | 15,000.00 |
| 7 | BNC Connectors | | Nos. | 550.00 | - | | | | | | |
| 8 | DC Connectors | | Nos. | 550.00 | - | | | | | | |
| 9 | Power Supply - 4 Cameras | 1 | Nos. | 4,000.00 | 4,000.00 | 0.00 | 1 | 1.00 | - | 4,000.00 | 4,000.00 |
| 10 | HDMI Cable | 1 | Mtrs. | 1,000.00 | 1,000.00 | 0.00 | 1 | 1.00 | - | 1,000.00 | 1,000.00 |
| 11 | Cameras Installation | 1 | Nos. | 14,500.00 | 14,500.00 | 0.00 | 1 | 1.00 | - | 14,500.00 | 14,500.00 |
| 12 | Music System (Amplifier) | 0 | Nos. | 25,000.00 | - | | | | | | |
| 13 | Music System (Speaker) | 0 | Nos. | 4,500.00 | - | | | | | | |
| 14 | Ceiling Mounted Public Address System | 0 | Nos. | 7,500.00 | - | | | | | | |
| 14 | Installation of Public Address System | 0 | Nos. | 3,500.00 | - | | | | | | |
| Total Amount | | | | | 72,000.00 | | | | - | 72,000.00 | 72,000.00 |



| BILL OF QUANTITIES - FIRE WORK- RAB-02 | | | | | | | | | | | |
|--|--|---|-----|------|------|--------------|----------|-------|-------|--------|-------|
| PROJECT : D-09_SWAMY'S_Lucknow Airport | | | | | | | | | | | |
| S.NO. | DISCRPTION | DIAGRAM | UOM | QTY. | RATE | AMOUNT | QTY | | | AMOUNT | |
| | | | | | | | RA-01 | RA-02 | Cumm. | RA-01 | RA-02 |
| 1.00 | R1 (RESPONSE INDICATORS) | | | | | | | | | | |
| 1.01 | Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) Response indicators are connected to automatic fire detectors in order to indicate quickly the source of an alarm signal from detectors which are not easily accessible or visible. They light up as soon as the connected fire detector gives an alarm.(Wiring from switches to panel and stair case pressurization not included) |  | Nos | | | - | | | | | |
| | | | | | | 3,500.00 | | | | | |
| 2.00 | HD (HEAT DETECTOR) INSTALL NEAR OVEN HOOD | | | | | | | | | | |
| 2.01 | Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) A heat detector is a fire alarm device designed to respond when the convected thermal energy of a fire increases the temperature of a heat sensitive element. The thermal mass and conductivity of the element regulate the rate flow of heat into the element. All heat detectors have this thermal lag (Wiring from switches to panel) |  | Nos | | | - | | | | | |
| | | | | | | 4,500.00 | | | | | |
| 3.00 | MCP (MANUAL CALL POINT) | | | | | | | | | | |
| 3.01 | Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) Manual call points are used to initiate an alarm signal, and operate by means of a simple button press or when glass is broken revealing a button. They can form part of a manual alarm system or an automatic alarm system. |  | Nos | | | - | | | | | |
| | | | | | | 2,500.00 | | | | | |
| 4.00 | FIRE ALARM PANEL | | | | | | | | | | |
| 4.01 | FAS shall be installed in accordance with nfa-72 and shall be connected integrated and programmed with parent system installed by BIAL. Addressing and programming shall be in the slope of concessionaire/ vendor including mapping of fire alarm devises in graphics workstation at fire command center (FCC). One monitor module FMM-1, SIEMENS and EN approved) shall be installed form Supervisory Butterfly valve of Sprinkler System & for each Hood suppression System to be installed for exhaust hood. | | Nos | | | - | | | | | |
| | | | | | | 99,000.00 | | | | | |
| 5.00 | H (HOOTER) | | | | | | | | | | |
| 5.01 | Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) Fire Alarm Systems. A fire alarm system is a electrical / electronic system which is connected with many type of devices such as main panel, smoke / heat detectors, mcp, sounder etc.. to detect the fire event by indicating audio or visualize signal at the main or individual devices. |  | Nos | | | - | | | | | |
| | | | | | | 5,000.00 | | | | | |
| 6.00 | SMOKE DETECTOR | | | | | | | | | | |
| 5.01 | ABOVE CEILING Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) An optical smoke detector. Smoke enters through the slits around the side, triggering an electronic horn, which sounds through the large circular opening on the right. The dark circle in the middle is a test button with a built-in LED that flashes to show the detector is working okay. |  | NOS | | | 1,800.00 | | | | | |
| 5.02 | MULTI SENSOR DETECTOR Providing and fixing electrically operated flow indicating mechanical foam type (ISI marked) An optical smoke detector. Smoke enters through the slits around the side, triggering an electronic horn, which sounds through the large circular opening on the right. The dark circle in the middle is a test button with a built-in LED that flashes to show the detector is working okay. |  | NOS | | | 1,800.00 | | | | | |
| 5.03 | 4.5 KG CO2 portable fire extinguisher capacity.(IS. 15683)Providing and fixing water Co2(ISI marked) extinguishers including all accessories as per IS specification with ss stand (on S.s Stand) |  | NOS | 1.0 | | 8,850.00 | 8,850.00 | | | | |
| 5.04 | 4.0Kgs Dry powder Type ABC type (on S.s Stand) |  | NOS | 1.0 | | 4,800.00 | 4,800.00 | | | | |
| 5.05 | 6.0Kgs K Type (on ss stand) |  | NOS | 1.0 | | 4,800.00 | 4,800.00 | | | | |
| 5.06 | Fire Blanket-6'x4' |  | NOS | 1.0 | | 1,500.00 | 1,500.00 | | | | |
| TOTAL | | | | | | 19950 | | | | | |

