

| “Fabrication & Installation of SBI ATM Kiosk at Forecourt & Departure Lounge at Noida International Airport, Jewar” | | | | | |
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| <p>Note:- The works may require partial prefabrication (offsite) of the entire structure with proper documentation including submission of photographs, videos and tax invoices specific to the site to establish the genuinity of the material being used. The contractor shall provide all of the above and any additional documents, physical samples of material being used, material test reports etc. as required by Noida International Airport Ltd. Also, permissions for working of labours etc. including equipments, tools tec. shall have to be arranged by the contractor and any delay on this pretext shall not be entertained.</p> | | | | | |
| <p>The rates quoted by the Contractor are inclusive of all duties and taxes of all government, municipal or any other statutory bodies as applicable from time to time except GST which shall be extra. Also, the quoted rates are applicable for works both at day and night (if needed) and shall include working at all heights and levels as per site condition and all/ any liasoning required with local authority for smooth execution of works. Nothing extra shall be payable in this regard.</p> | | | | | |
| S. No. | Description | Unit | Qty. | Rate (Rs.) | Amount (Rs.) |
| A. | <u>INTERIOR & FURNISHING WORKS</u> | | | | |
| 1 | Providing, fixing and fabrication in position 9 mm thick Fire Retardant ply (Duro Derby BWR+FR)/ Flexi ply (Duro Flexi BWP) or approved equivalent as required over MS framework of curved shaped (MS framework shall be measured and paid separately) finished with 12 mm thick solid acrylic surface of make Corian Dupont/ Luxor Durlax/ LG of approved shade & texture applied on all external surfaces of ATM as per design and the like. The edges to be joined should be straight, smooth and clean. Joints should only be made with joint adhesive for Dupont Corian. All corners of a cutout must be rounded to 6 mm radius and the edges smoothed, both on top & bottom, all around a cutout. "L" & "U" shaped corners need smooth 5 mm radius inside corner all complete as per the the directions of the Architect/ Bank's Engineer. Item to include sanding and polishing of the surface to achieve a high-gloss mirror finish . Note:- Finished surface area shall only be measured for payment. | Sqm | 61.00 | | |
| 2. | Providing and fixing in position 12 mm thick Bison board over MS framework (MS framework shall be measured and paid separately) finished with 2 coat of Plastic emulsion paint over fine finish of Birla putty, all complete as per the the directions of the Architect/ Bank's Engineer. Note:- Finished surface area shall only be measured for payment. | Sqm | 22.00 | | |
| 3. | Supply & fixing of Aluminium Composite Panel (ACP) FR grade , 4 mm thick in required colours for exteriors consisting of two layers of aluminium skins of 0.5 mm thick sandwiching a thermo plastic core in continuous lamination process with PVDF coating for exterior grades ensuring long colour and no fungal attacks of make AluDecor/ Alstone or approved equivalent. Base frame work with aluminium sections shall be fixed over finished plaster and the above aluminium panels shall be fixed to the frame work as cladding including cost of labour, materials, accessories, adhesives, scaffolding, wastages, transportation, taxes, fixing in to a neat finish with FOLDING SYSTEM and without any undulations in facias all complete as per drawing and instructions of Architect / Bank's Engineer . | Sqm | 29.00 | | |
| 4. | Providing, fixing and fabrication in position of 25 mm thick Bison board over MS steel framework (MS framework shall be measured and paid separately) all complete as per the the directions of the Architect/ Bank's Engineer. | Sqm | 16.00 | | |

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| 5. | Providing and fixing of 10 mm wide 10 mm thick laser cut acrylic letters & brand logo. Lettering in acrylic sheet in white color and logo as per our Brand color of required size and shape including fixing with adhesive, all as per approved architectural drawing etc. all complete as per direction of Engineer-in-charge. | per square inch | 500.00 | | |
| 6. | Providing and fixing EURO PRATEEK ELITE stainless steel 120 X 6 mm wave shape profile in gold colour as/ approval over existing base with adhesive all complete as per the directions of Architect/ Bank's Engineer. | Mtrs. | 10.00 | | |
| 7. | Providing and fixing CNC Cutting Mild Steel (MS) sheet works as/ design/ approval. Rates to include painting with 2 or more coats of synthetic enamel paint of approved brand and manufacturer to give an even shade/ combination of shades - 2 or more coats on new work etc. all complete as per the directions of Architect/ Bank's Engineer. | Sqm | 10.00 | | |
| 8. | Supply and Installation of 20 mm thick engineered marble of make kalinga stone with adhesive applied on existing base of Bison Board and the like. The edges to be joined should be straight, smooth and clean. Joints should only be made with joint adhesive, all complete as per the the directions of the Architect/ Bank's Engineer. Item to include moulding and polishing of edges, nothing extra shall be paid in this regard. Note:- Finished area shall only be measured for payment (Basic cost of marble is Rs. 7500/ Sqmt. excluding GST, cartage, handling charges etc.). | Sqm | 10.00 | | |
| 9. | Providing, fabricating and fixing openable powder coated aluminium louvers made out of extruded aluminium sections of alloy 6063-T5/T6, complete with aluminium framework, brackets, cleats, SS fasteners, anchor fasteners, sealant, necessary supports and fixing arrangement as per approved drawing and direction of Engineer-in-Charge. Louvers to be finished with minimum 60-80 micron powder coating/ PVDF coating in approved shade and design complete. | Sqm | 10.00 | | |
| 10. | Steel work welded in built up sections/ tubular frame (YST 310 grade of make TATA structura or approved equivalent) work including cutting hoisting, welding, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required: In partitions, curved partitions, curved frames, roofings, gratings, frames, guard bar, ladders, railings, grills, gates and similar works. Rates to include painting with 2 or more coats of synthetic enamel paint of approved brand and manufacturer to give an even shade/ combination of shades - 2 or more coats on new work etc. all complete as per the directions of Architect/ Bank's Engineer. | Kg | 975.00 | | |
| 11. | Providing and fixing of back lit signage having 3 mm ACP sheet backing/ sides and front to be made of acrylic sheet 5 mm thick in white/ opal with CNC cutting as required. The signage shall be backlit with Samsung LEDs including driver etc. as per our Brand color including fixing with adhesive/ as required as per approved architectural drawing etc. all complete as per directions of Architect/ Bank's Engineer. | per square inch | 2100.00 | | |

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| 12. | Providing, fixing and fabrication in position 9 mm thick Fire Retardant ply (Duro Derby BWR+FR)/ Flexi ply (Duro Flexi BWP) as required over MS framework of curved shaped (MS framework shall be measured and paid separately) finished with minimum 3 mm thick Aluminium composite panel Louver 3200 Series of make Alstone or approved equivalent fixed with adhesive/screw as specified by manufacturer all complete as per the directions of Architect/ Bank's Engineer. Note:- Finished surface area shall only be measured for payment. | Sqm | 4.00 | | |
| TOTAL OF INTERIOR FURNISHING WORKS (A) | | | | | |
| B. ELECTRICAL WORKS | | | | | |
| 1. | 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 etc (wherever required) and chromium plates brass screws/ rowel plug etc. The circuit wiring starting from DB to point control box/ switch box using 2 X 2.5 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. | | | | |
| | (Wherever required as per standard specifications). | | | | |
| | 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 | Primary light points controlled by one 6 amp. Modular switch | Nos. | 4.00 | | |
| ii | Secondary light points controlled by one 6 amp. Modular switch | Nos. | 5.00 | | |
| iii | One wall fan/ exhaust fan point controlled by one 6 amp. Modular switch. The switch should be at switchboard level | Nos. | 2.00 | | |
| iv | One 5 pin socket controlled by one 6 amp. Modular switch complete assembly includes plate box etc. | | | | |
| a | Dependent | Nos. | 2.00 | | |
| v | Same as serial no 1 but using 2*2.5 + 1*2.5 Sqmm Copper Conductor FRLS wires from DB to first 16 Amp MCB two Nos. for Glow sign Board. | | | | |
| a | Primary Point | Nos. | 4.00 | | |
| 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 1 st socket and 1 st to 2 nd , 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). | | | | |
| a) | Primary point | Nos. | 2.00 | | |
| b) | Secondary point | Nos. | 2.00 | | |
| 3(a). | Same as serial no.1, but wiring for A/C socket by using 2*4 sq.mm. PVC insulated 1100 V grade copper conductor wire and earthing with 1*4.0 sq.mm. PVC insulated 1100 V grade copper conductor wire with modular type 2 Nos. AC box (tiny trip type) with socket complete in all respects controlled by 25/32 A SP MCB - one to be provided near indoor unit and second near DB. The point starts from DB to stabilizer to the point near the indoor unit including top. | Nos. | 2.00 | | |

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| 4. | COMPUTER POINTS | | | | |
| | Wiring with 2x2.5 sq.mm + 1x2.5 sq.mm PVC insulated 1100 V grade multi stranded copper conductor wires in 2 mm thick PVC conduit from UPS DB to computer point. Each point to have 1 nos. 16 amps 5 pin modular type sockets, 1 No's 16 amps modular switch with all accessories, inner/ outer plates, metal box etc and to be fixed on wooden partitions/ by grouting on wall etc as per requirement at site. The switch should be fixed above the top of counter and sockets under the counter. or as directed by the engineer incharge for the E- lobby, Fire, Token Vending. | | | | |
| a | Primary | Nos. | 4.00 | | |
| b | Secondary | Nos. | 2.00 | | |
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| b. | CONDUITING FOR COMPUTER & CONDUITING | | | | |
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| 1 | COMPUTER NETWORKING | | | | |
| 1.1 | Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point. | Nos. | 4.00 | | |
| 1.2 | Supplying and fixing 6 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key). | Nos. | 2.00 | | |
| 1.3 | Supply, Installation, Testing & Commissioning of 24 port Jack Panel. | Nos. | 2.00 | | |
| 1.4 | Supplying and fixing Patch Cord-2 Meter- (DBPS Mounting Cord) | Nos. | 4.00 | | |
| 1.5 | Supplying and fixing Patch Cord-1 Meter- | Nos. | 4.00 | | |
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| c. | CABLES, MAINS & SUBMAINS | | | | |
| 1. | Supplying all materials and laying/ pulling 1100 volts grade PVC insulated copper conductor wires (FRLS) in MS conduit with all fixing accessories after cutting the floor, wall and the like etc. and replastering the floor level to original. Conduit must be 30 mm below the floor finish level. | | | | |
| i | 2 X 6 sq.mm. + 1 X 6 sq.mm. (UPS Input/ Output, ATM Output DB) | Mtr. | 20.0 | | |
| 2. | Supplying, laying, testing & commissioning of 4 C X 10 sq.mm. at 1100 volts grade PVC insulated aluminium conductor armoured cable with 10 gauge earth copper wire including cables end termination using appropriate Lugs, Glands, termination accessories, Clamps etc. as required as per specification (LIGHT DB ATM). | Mtr. | 140.00 | | |
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| d. | DISTRIBUTION BOARD | | | | |
| | Supplying, installing, testing & commissioning of surface/ recessed mountings, Double door 415 volts TPN MCB distribution board of steel steel, 1.6 mm thick dust phosphatized and painted, inclusive of 100 amps, tinned copper busbars, earthbar, common neutral link, din bar for mounting of MCB's detachable gland/ knock out plate & with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits duly prewired with adequate size of PVC insulated copper wires between the bus bars and the MCB's as well as the incomer and upto the terminal connectors/ neutral link and ready for installation of following ways as required. | | | | |

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| | Use 'B' curve MCB's for lighting & small power circuits, 'C' curve for motor duty i.e. for pumps, AC motors, window and split AC's etc. & 'D' curve for UPS DB's i.e. for computers/ PC's circuit. Main incomer & outgoing circuit MCB's shall be selected accordingly i.e. type B,C & D. Contractor to select the MCB's accordingly as per the nature of the circuit/ load. | | | | |
| | Each DB shall have separate neutral links of rating not less than 100A for each phase. The main incoming neutral link shall be in addition to three outgoing neutral links and shall be of 125 A. | | | | |
| | UPS DB's shall have a dedicated Earthing link fixed on insulated supports, which will be in addition to body earth link. | | | | |
| | All internal inter connecting wiring with in the DB's shall be PVC insulated flexible copper conductor wires of adequate capacity as per the current rating. | | | | |
| | Inside each DB, a DB chart is to be fixed. | | | | |
| a | 4-way TPN DB (ATM DB) | Nos. | 2.00 | | |
| | Incomer:- | | | | |
| | 1 No. 63 Amp TPN (10 KA) MCB with 40 A DP RCCB (100 MA) each phase | | | | |
| | Outgoing:- | | | | |
| | 6 Nos.10/20 Amp (10 KA) SP MCB | | | | |
| b | 4-way SPN DB (For UPS INPUT/ OUTPUT) with 1 Nos. 40 A DP MCB as incomer and 1 Nos. 40 A DP MCB outgoing | Nos. | 2.00 | | |
| C. | 6-way SPN DB (E-Lobby UPS Sub DB) double door DB with lock & key arrangement | Nos. | 2.00 | | |
| | Incomer:- | | | | |
| | 1 No. 25 Amp DP (10 KA) MCB with 25 A DP RCCB (100 MA) | | | | |
| | Outgoing:- | | | | |
| | 2 Nos. 6/10/16 Amp (10 KA) SP MCB | | | | |
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| e | (LIGHT FITTINGS & ACCESSORIES) | | | | |
| | Supplying, installation with hanging support, testing and commissioning of following light fixtures with electronic Ballasts, Tubes, lamps, 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 1 Years onsite replacement warranty). | | | | |
| i | Supplying, fixing, testing and commissioning of 15 W LED surface/ recess mounted commercial type down lighter of make As specified in tender document or approved by SBI/ Architect. | Nos. | 10.00 | | |
| ii | IP 67 rated LED Neon Flex 6 X 12 mm for lighting with minimum 600 lumen/ meter output with driver and necessary installation including supporting fittings of Led strip light of make as specified in tender document or as approved by SBI/ Architect. | Mtr. | 30.00 | | |
| iii | IP 67 rated LED Neon Flex 8 X 16 mm for lighting with minimum 600 lumen/ meter output with driver and necessary installation including supporting fittings of Led strip light of make as specified in tender document or as approved by SBI/ Architect. | Mtr. | 30.00 | | |
| iv | Supply & fixing of exhaust fan with all accessories etc. complete of make As specified in tender document or approved by SBI/ Architect. | Nos. | 2.00 | | |
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| f. | EARTHING SYSTEM | | | | |
| 1. | Supply, Installation, Testing and Commissioning of Maintenance Free Earthing system made up of copper-bonded rod of 10 feet length, 17.2 mm dia. (Minimum copper bonding shall be 0.25 mm) along with Rod-to-Conductor connectors, Earth enhancement material, Pit Cover and other accessories as required and as per specification and other applicable codes (include chamber for earthing, Earthing certificate to be submitted along with the bill). | Nos. | 2.00 | | |

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| 2. | Providing and fixing of Copper/ GI strips in surface or in recess for loop earthing etc. as required. | | | | |
| i | Providing and laying 1 X 10 sq.mm. 1100 volts grade PVC insulated copper conductor wires (FRLS) in MS conduit on surface or in recess for loop earthing along with the existing surface/ recess cable as required along with using of copper lug at end termination. | Mtr. | 130.00 | | |
| g. | DIGITAL TV | | | | |
| | Supply, Installation, Testing and Commissioning of minimum 55 inches 4K Ultra HD LED TV of make (Sony/ Samsung/ LG) all complete as per the directions of Architect/ Bank's Engineer. | Nos. | 2.00 | | |
| TOTAL OF ELECTRICAL WORKS (B) | | | | | |
| C. AIR-CONDITIONING WORKS | | | | | |
| SPLIT/ CASSETTE TYPE AIR CONDITIONERS | | | | | |
| 1 | Supplying, erection, testing and commissioning following wall mounted Split/ Roof mounted cassette units of (Toshiba/ Mitsubishi/ Hitachi/ Daikin/ O-General/ Voltas/ Bluestar/ Carrier) with cordless remote complete with all necessary fittings duly insulated with 9 mm thick nitrile rubber pipe insulation with (All coils – copper only) , fan and fan motor, machine control panel improved Refrigerant Joints, Air conditioners shall be fitted with hermetically sealed type suction cooled reciprocating or discharge cooled rotary compressor or scroll compressor. Compressor unit operating on R32/ R-410. All complete as per drawing, approval and instructions of the Architect/ Employer. Item to include powder coated outdoor stands as per the manufacturer specifications (Rates to be inclusive of copper refrigerent pipe with insulation up to 3M for each split AC unit). | | | | |
| a | 1.0 TR wall mounted split unit (inverter type 5 star rating) including all necessary fittings and mountings as specified by the manufacturer. | Nos. | 2.00 | | |
| 2 | EXTRA REFRIGERANT PIPING | | | | |
| | Supplying and laying of Extra copper refrigerant piping with nitrile rubber pipe insulation, both of size as specified by the manufacturer suitable for 1.0/ 1.5/ 2.0 TR Split type AC and 2.0 TR/ 3.0 TR Cassette AC - From Indoor to outdoor Units (make as approved by Architect/ Bank). | | | | |
| a | For 1.0/ 1.5 TR Split AC as specified by the manufacturer | Mtr. | 10.00 | | |
| 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 (make as approved by Architect/ Bank). | | | | |
| a | 25 mm dia PVC drain pipe for Split AC | Mtr. | 5.00 | | |
| 5 | Supplying and laying of Extra Electrical interconnecting control cable from indoor to outdoor of size as specified by the manufacturer suitable for 1.0/ 1.5 TR Split type AC (make as approved by Architect/ Bank). | Mtr. | 10.00 | | |
| 7 | Supplying, installation and commissioning of voltage stablizer of range 170-280 V for Acs (V-guard/ Livguard/ Kirnotics make as approved by Architect/ Bank). | | | | |
| | 4 KVA for 1.0 / 1.5 TR Wall mount | Nos. | 1.00 | | |
| 8 | Supplying, installation and commissioning of automatic 24 HRS. programmable TIMER of required capacity to run A.C. alternately (MDS/ L&T/ Other reputed make). | Nos. | 1.00 | | |

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| | TOTAL OF AIR-CONDITIONING WORKS (C) | | | | |
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| | GRAND TOTAL (A) + (B) + (C) | | | | |
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