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Item Rate BoQ

Tender Inviting Authority: Senior Manager (Engg-Civil), Kalaburagi Airport, Kalaburagi

Name of Work: Modification of Terminal Building at Kalaburagi Airport, Kalaburagi.

Contract No: 2023_AAI_160473_1

Name of the Bidder/ Bidding Firm / Company :	omkarconstructions					
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil.	4.000	Cum	220.00	880.00	INR Eight Hundred & Eighty Only
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size).	2.000	Cum	4300.00	8600.00	INR Eight Thousand Six Hundred Only
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	2.000	Cum	4100.00	8200.00	INR Eight Thousand Two Hundred Only
4	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick : Float glass panes. 5.0 mm thick glass panes (weight not less than 12.5 kg per sqm)	20.000	sqm	3264.00	65280.00	INR Sixty Five Thousand Two Hundred & Eighty Only
5	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick : Float glass panes. 5.0 mm thick glass panes (weight not less than 12.5 kg per sqm)	300.000	sqm	310.00	93000.00	INR Ninety Three Thousand Only

6	Providing and fixing factory made uPVC white colour fixed glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever required) extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), , uPVC extruded glazing beads of appropriate dimension, EPDM gasket, G.I fasteners 100 x 8 mm size for fixing frame to finished wall, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame shall be mitred cut and fusion welded at all corners, mullion (if required) shall be also fusion welded including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes and silicon sealant shall be paid separately). Fixed window / ventilator made of (small series) frame 47 x 50 mm & mullion 47 x 68 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension.	65.000	sqm	320.00	20800.00	INR Twenty Thousand Eight Hundred Only
7	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of B106water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealent over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealent shall be paid separately) Two track two panels sliding window made of (small series) frame 52 x 44 mm & sash 32 x 60 mm both having wall thickness of 1.9 ± 0.2 mm and single glazing bead of appropriate dimension. (Area of window upto 1.75 sqm)	13.000	sqm	3200.00	41600.00	INR Forty One Thousand Six Hundred Only

8	Providing and fixing factory made uPVC white colour sliding glazed door comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension uPVC extruded glazing beads, uPVC extruded interlock and uPVC extruded inline sash adaptor (if required), EPDM gasket, wool pile, zinc alloy (white powder coated) handle with key on one side of extreme panels along with zinc plated mild steel multi point locking having transmission gear with keeps, zinc alloy (white powder coated) crescent lock (if required), stainless steel (SS 304 grade) body with adjustable double nylon rollers (weight bearing capacity to be 120 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. (Single / double glass panes, wire mesh and silicon sealant shall be paid separately). Two track two panels sliding door made of (big series) frame 67 x 50 mm & sash 46 x 82 mm both having wall thickness of 2.3 ± 0.2 mm and single glazing bead / double glazing bead of appropriate dimension. (Area of door above 2.00 sqm upto 5.00 sqm)	8.000	sqm	4100.00	32800.00	INR Thirty Two Thousand Eight Hundred Only
9	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	3371.000	kgs	180.00	606780.00	INR Six Lakh Six Thousand Seven Hundred & Eighty Only
10	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	552.000	kgs	210.00	115920.00	INR One Lakh Fifteen Thousand Nine Hundred & Twenty Only
11	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	92.000	sqm	1100.00	101200.00	INR One Lakh One Thousand Two Hundred Only

12	Providing and fixing tiled false ceiling of approved materials of size 595x595mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.GI Metal Ceiling Lay in perforated Tegular edge global white color tiles of size 595x595 mm and 0.5 mm thick with 8 mm drop; made of GI sheet having galvanizing of 100 ms/sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coefficient) of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation, and backed with a black Glass fiber acoustical fleece.	24.000	sqm	875.00	21000.00	INR Twenty One Thousand Only
13	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	150.000	sqm	810.00	121500.00	INR One Lakh Twenty One Thousand Five Hundred Only
14	12 mm cement plaster of mix : 1:6 (1 cement: 6 coarse sand)	150.000	sqm	475.00	71250.00	INR Seventy One Thousand Two Hundred & Fifty Only
15	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :Water thinnable cement primer	151.000	sqm	435.00	65685.00	INR Sixty Five Thousand Six Hundred & Eighty Five Only
16	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	195.000	sqm	110.00	21450.00	INR Twenty One Thousand Four Hundred & Fifty Only
17	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade : Two or more coats on new work	154.000	sqm	160.00	24640.00	INR Twenty Four Thousand Six Hundred & Forty Only
18	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work.	50.000	sqm	180.00	9000.00	INR Nine Thousand Only
19	Providing and applying white cement based putty of average thickness 1mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	216.000	sqm	115.00	24840.00	INR Twenty Four Thousand Eight Hundred & Forty Only
20	Providing and fixing solid plastic seat with lid for pedestal type W.C.pan complete :White solid plastic seat with lid	20.000	Each	2600.00	52000.00	INR Fifty Two Thousand Only
21	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. Flexible pipe 32 mm dia	6.000	Each	1810.00	10860.00	INR Ten Thousand Eight Hundred & Sixty Only

22	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 20 mm nominal outer dia Pipes	140.000	Mts	145.00	20300.00	INR Twenty Thousand Three Hundred Only
23	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	74.000	Kgs	892.00	66008.00	INR Sixty Six Thousand & Eight Only
24	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	103.000	Kgs	1010.00	104030.00	INR One Lakh Four Thousand & Thirty Only

25	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete Upto 5mm depth and 5 mm width	93.000	Mts	105.00	9765.00	INR Nine Thousand Seven Hundred & Sixty Five Only
26	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double action hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	6.000	Sqm	6200.00	37200.00	INR Thirty Seven Thousand Two Hundred Only
27	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	78.000	Sqm	3550.00	276900.00	INR Two Lakh Seventy Six Thousand Nine Hundred Only
28	Providing and fixing C.P. brass two way bib cock Model No: CON-CHR-041KNF of Jaquar make or Equivalent 15 mm nominal bore	5.000	Each	3210.00	16050.00	INR Sixteen Thousand & Fifty Only
29	Providing and fixing C.P. brass pillar Cock 15mm nominal bore with auto closing system 65 mm extension body Jaquar make (product Code PRS-CHR-031L65) or equivalent as approved by Engg-in-charge.	6.000	Each	3090.00	18540.00	INR Eighteen Thousand Five Hundred & Forty Only
30	Providing & fixing CP Brass Soap Dispenser. Jaquar make (product Code ACN-1135N) or equivalent.	6.000	Each	1900.00	11400.00	INR Eleven Thousand Four Hundred Only

31	Providing and fixing plain mirror of 5mm thick of required size (of approved quality, Modi Guard/Saint gobain or equivalent) fixed to wall with 20 x 25mm Stainless steel studs including making necessary holes to glass and the wall and including wooden plugs etc complete as per the direction of E I C	5.000	Sqm	3210.00	16050.00	INR Sixteen Thousand & Fifty Only
32	Providing and fixing CP brass Drain Square Hinged hole for waste pipe of Viking make Category No: 41719 or equivalent. 100 mm dia	20.000	Each	650.00	13000.00	INR Thirteen Thousand Only
33	Providing and fixing Hisen board 6mm thickness as per the directions of Engineer in charge.	34.000	Sqm	710.00	24140.00	INR Twenty Four Thousand One Hundred & Forty Only
34	Providing and fixing of urinal sensor of CERA or equivalent as per the directions of Engineer in charge.	10.000	Each	8600.00	86000.00	INR Eighty Six Thousand Only
Total in Figures					2216668.00	INR Twenty Two Lakh Sixteen Thousand Six Hundred & Sixty Eight Only
Quoted Rate in Words		INR Twenty Two Lakh Sixteen Thousand Six Hundred & Sixty Eight Only				