

Item Rate BoQ

Tender Inviting Authority: AGM (E-C)-I

Name of Work: Replacement of existing false ceiling system in Terminal Building at SGRDJ International Airport, Amritsar.

Contract No: 2020_AAI_71634_1

CREATORS ENGINEERS AND INTERIORS									
PRICE SCHEDULE									
Sl. No.	Item Description	Item Code / Make	Quantity	Units	QUOTED RATE In Figures To be entered by the Bidder inclusive of all taxes but excluding GST	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT in Rs. P	TOTAL AMOUNT in Words	TEXT #
1	Providing and fixing GI Clip in Metal Ceiling System of 600x600 mm module which includes providing and fixing 'C' wall angle of size 20x30x20 mm made of 0.5 mm thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm center to centre, suspending the main C carrier of size 10x38x10 mm made of G.I steel 0.7 mm thick from the soffit with help of soffit cleat 37x27x25x1.6 mm, rawl plugs of size 38x12 mm and C carrier suspension clip and main carrier bracket at 1000 mm c/c. Inverted triangle shaped Spring Tee having height of 24 mm and width of 34 mm made of GI steel 0.45 mm thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (both side inclusive), fixing with clip in tiles into spring T with : GI Metal Ceiling Clip in plain Beveled edge global white color tiles of size 600x600 and 0.5 mm thick with 25 mm height, made of GI sheet having galvanizing of 100 gms/ sqm (both sides inclusive) and 20% perforation area with 1.8 mm dia holes and having NRC of 0.5, electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending and perforation.	3	4,100.00	sqm	1090.00	4469000.00	INR Forty Four Lakh Sixty Nine Thousand Only	10	

2	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I	item2	860.00	sqm	650.00	559000.00	INR Five Lakh Fifty Nine Thousand Only
3	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable surplus material and stacking of serviceable material with in 50 meters lead as directed by Engineer-in-charge.	item3	5,000.00	sqm	150.00	750000.00	INR Seven Lakh Fifty Thousand Only
4	Deduct for taking away of aluminium sections from the roof of the building received from dismantling. The material so received shall be the property of contractor after dismantling duly weighed/ measured before removing from the site in the presence of Engineer-in-charge or his authorized representative all complete. Note: It may please be noted that this is credit item in Schedule of Quantities (SOQ) is negative item and the rate against this item may be quoted in the discount section of price component-item section. If the rate against this item is quoted in the price section then the amount quoted by the bidders against this negative item shall be deducted from the total quoted amount to work out the position (financial quote) of bidders in the comparative statement.	item4	5,000.00	sqm	-95.00	-475000.00	INR Minus Four Lakh Seventy Five Thousand Only

5	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. 4.01 Group C	item5	500.00	Point	790.00	395000.00	INR Three Lakh Ninety Five Thousand Only
6	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required. 5.01 Group C	item6	200.00	Point	500.00	100000.00	INR One Lakh Only
7	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc as required. 6.01	item7	100.00	Point	400.00	40000.00	INR Forty Thousand Only
8	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required	item8	100.00	Point	700.00	70000.00	INR Seventy Thousand Only
9	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	item9	300.00	Meter	230.00	69000.00	INR Sixty Nine Thousand Only
10	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	item10	200.00	Meter	370.00	74000.00	INR Seventy Four Thousand Only
11.01	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	item11	500.00	Meter	150.00	75000.00	INR Seventy Five Thousand Only
11.02	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire		400.00	Metre	180.00	72000.00	INR Seventy Two Thousand Only
11.03	2 X 4 sq. mm + 1 X 4 sq. mm earth wire		300.00	Metre	230.00	69000.00	INR Sixty Nine Thousand Only
11.04	2 X 6 sq. mm + 1 X 6 sq. mm earth wire		100.00	Metre	330.00	33000.00	INR Thirty Three Thousand Only
12.01	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.	item12	200.00	Metre	100.00	20000.00	INR Twenty Thousand Only
12.02	20 mm						
12.02	25 mm		200.00	Metre	130.00	26000.00	INR Twenty Six Thousand Only
12.03	32 mm		200.00	Metre	125.00	25000.00	INR Twenty Five Thousand Only
12.04	40 mm		200.00	Metre	125.00	25000.00	INR Twenty Five Thousand Only

13.01	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. 20 mm	item13	200.00	Metre	150.00	30000.00	INR Thirty Thousand Only
13.02	25 mm		200.00	Metre	160.00	32000.00	INR Thirty Two Thousand Only
13.03	32 mm		200.00	Metre	170.00	34000.00	INR Thirty Four Thousand Only
13.04	40 mm		100.00	Metre	180.00	18000.00	INR Eighteen Thousand Only
14	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/recessed steel/PVC conduit including dismantling as required. 13.01 Group C	item14	100.00	Point	530.00	53000.00	INR Fifty Three Thousand Only
15	Rewiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel/PVC conduit including dismantling as required.	item15	50.00	Point	530.00	26500.00	INR Twenty Six Thousand Five Hundred Only
16.01	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required	item16	200.00	Metre	150.00	30000.00	INR Thirty Thousand Only
16.02	3 x 2.5 sq. mm		200.00	Metre	185.00	37000.00	INR Thirty Seven Thousand
16.03	3 x 4 sq. mm		200.00	Metre	230.00	46000.00	INR Forty Six Thousand Only
17	Supply of 36 W LED luminaire suitable for recess mounting in modular false ceiling system powder coated CRCA housing with acrylic diffuser size 2 ft x 2 ft ,comprising of LED's of approved make with Constant current output driver, having luminaire efficacy of not less than 95 lm/W. etc as per specifications and complete as required as per AAI approved make list.	item17	901.00	Each	1700.00	1531700.00	INR Fifteen Lakh Thirty One Thousand Seven Hundred Only
18	Installation, testing and commissioning of pre-wired, LED fitting with driver/ fluorescent fitting / compact fluorescent fitting of all types, complete with all accessories and tube/lamp etc. directly on ceiling/ wall/ surface, including connections with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	item18	1,387.00	Each	100.00	138700.00	INR One Lakh Thirty Eight Thousand Seven Hundred Only
19	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Joining shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	item19	100.00	Metre	150.00	15000.00	INR Fifteen Thousand Only
20	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	item20	2.00	Set	12000.00	24000.00	INR Twenty Four Thousand Only
21	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	item21	50.00	Metre	250.00	12500.00	INR Twelve Thousand Five Hundred Only

22	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	item22	50.00	Metre	100.00	5000.00	INR Five Thousand Only
23	SITC of brass quartzoid sprinklers (UL approved) of 15 mm dia size, suitable for sustaining the pressure on the seat & water hammer effect. The type & temperature rating shall be as follows : 22.01 Sprinkler Pendant Type rated 68 Deg. C	item23	857.00	Nos.	390.00	334230.00	INR Three Lakh Thirty Four Thousand Two Hundred & Thirty Only
24	Supplying & laying of 2 x 1.5 sqmm FRLS armoured cable, 600 / 1000V rated with annealed copper conductor as per applicable IS standard complete as required.	item24	200.00	Metre	100.00	20000.00	INR Twenty Thousand Only
25	Supplying & drawing of 2 x 1.5 sqmm FRLS unarmoured cable, 600 / 1000V rated with annealed copper conductor as per applicable IS standard complete in existing surface / recessed steel / PVC conduit as required.	item25	200.00	Metre	80.00	16000.00	INR Sixteen Thousand Only
26	Dismantling of existing powder coated extruded aluminium Supply/Return Air Grills with louvers and with/without volume control dampers complete as required. Job includes handling and stacking of grills in a proper manner to enable them to be used and refitted again.	item26	320.00	Sq.m	150.00	48000.00	INR Forty Eight Thousand Only
27	Fixing of powder coated extruded aluminium Supply/Return Air Grills with louvers and with/without volume control dampers complete as required.	item27	320.00	Sqm	150.00	48000.00	INR Forty Eight Thousand Only
Total in Figures						8895630.00	INR Eighty Eight Lakh Ninety Five Thousand Six Hundred & Thirty Only
Quoted Rate in Words							INR Eighty Eight Lakh Ninety Five Thousand Six Hundred & Thirty Only