

Ref. No: CHIAL/CHD/ENGG(C)/GLASS AMC/2022/09/03

Dated: 06.09.2022

To,

M/s Sameer Glazing System Pvt. Ltd.
458/32 C Block, Sharda Nagar,
Nariyal Kheda, Bhopal-462038
Ph no. 9907227808
Email: sgs.facadesolution@gmail.com

Name of Work: - "Annual Maintenance Contract for Replacement of Glasses of New Terminal Building at Chandigarh International Airport Limited, Mohali side for the period of 2 years i.e. 2022-24"

Tender ID: - 2022_AAI_121297_1

Ref:

- (1) Your tender for the subjected work, financial bid opened on 17.08.2022.
- (2) This office letter no.CHIAL/CHD/ENGG(C)/Glass Replacement/2022/08/12 dt.24.08.2022.
- (3) Your letter no. NIL dt.29.08.2022.

Dear Sir(s),

1. Your e-tender for the work mentioned above is hereby accepted on behalf of Chairman, Chandigarh International Airport Limited, at the negotiated amount of **Rs. 39,02,620.90/- (Rupees Thirty Nine Lakhs Two Thousand Six Hundred Twenty and Ninety Paise Only) Excluding GST** which is 0.73 % (Zero point Seven Three Percent) above the estimated cost put to tender of Rs.38.75 Lakhs. Schedule A is attached.
2. HOD (Engg-Civil), CHIAL, Project Office, Village Jheurheri, Mohali-140306, shall be the Engineer-in-charge of the work. You are requested to attend the office of Asstt. Gen. Manager Engg (Civil), CHIAL on or before by **21.09.2022** to sign and complete the contract agreement. The contract agreement shall be executed on a non-judicial stamp paper of value Rs.100/- (Rupees One Hundred only) and the cost of the stamp paper shall be borne by you.
3. The earnest money amounting to Rs.77,500/- (Rupees Seventy Seven Thousand Five Hundred only) received along with your tender will be treated and converted as part of security deposit as per clause no.1A on page-16 of contract document. Thereafter security deposit shall be recovered from each running bill as per conditions of contract.

पंजीकृत कार्यालय: कक्ष संख्या 1, परियोजना कार्यालय भवन, सिविल एयरपोर्ट, चंडीगढ़-160003

Registered Office: Room No. 1, Project Office Building, Civil Airport, Chandigarh-160003

कॉर्पोरेट कार्यालय: नई सिविल एयर टर्मिनल, झुरेरी, मोहाली (पंजाब) 140306

Corporate Office: New Civil Air Terminal, Jhurheri, Mohali (Punjab) 140306

Tel No. : 0172-2242016, Fax No. 0172-2242003, email: secretary.chial@rediffmail.com

CIN U63013CH2010GOI031999

राजेश शर्मा / Rajesh Sharma
Asst. General Manager (E-C)
चंडीगढ़ इंटरनेशनल एयरपोर्ट लिमिटेड
Chandigarh International Airport Ltd.
न्यू सिविल एयर टर्मिनल, मोहाली (पंजाब)-140306
New Civil Air Terminal, Mohali (Punjab)-140306

4. You are requested to comply with the provision of Contract labour (Regulation and Abolition) Act 1970 and contract labour (Regulation and Abolition) Central rules 1971 and minimum wages act and rules thereof Central and State Governments.
5. You are also directed to contact Jr. Executive (Engg.-Civil) immediately who will arrange to hand over the site to you.
6. Please note that the time allowed for carrying out the work shall be 02 Years and same shall be reckoned from the 10th day after issue of this letter or handing over of site whichever is earlier.
7. Any further correspondence in connection with the contract should normally be addressed to the undersigned.
8. You are requested to generate invoice and mention GST Number of Chandigarh International Airport Limited as per details given below: -

Chief Executive Officer,
Chandigarh International Airport Limited, Chandigarh
Mohali side

GST No.: - 03AADCC8570B1Z2

ARN: - AA030317016306P

PAN No. : - AADCC8570B

TAN No.: - PTLC12422E

9. Please acknowledge the receipt and return the duplicate copy of this letter enclosed herewith after signing it to the undersigned as a token of acceptance.
10. The letters under reference shall form part of agreement.

Encl: Schedule A as above (No. of Pages= 05)

Yours faithfully,


(Rajesh Sharma)

Asstt. Gen. Manager (Engg-Civil)

For and on behalf of the
Chairman, CHIAL

राजेश शर्मा / Rajesh Sharma
सहा. महाप्रबंधक (अभि. सिविल) / Asst. General Manager (E-C)
चंडीगढ़ इंटरनेशनल एयरपोर्ट लिमिटेड
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पंजीकृत कार्यालय: कक्ष संख्या 1, परियोजना कार्यालय भवन, सिविल एयरपोर्ट, चंडीगढ़- 160003

Registered Office: Room No. 1, Project Office Building, Civil Airport, Chandigarh- 160003

कॉर्पोरेट कार्यालय: नई सिविल एयर टर्मिनल, झुरेरी, मोहाली (पंजाब) 140306

Corporate Office: New Civil Air Terminal, Jhurheri, Mohali (Punjab) 140306

Tel No. : 0172-2242016, Fax No. 0172-2242003, email: secretary.chial@rediffmail.com, website: chial.org

CIN U63013CH2010GOI031999

Schedule A (After Negotiation)

Name of work: "Annual Maintenance Contract for Replacement of Glasses of New Terminal Building at Chandigarh International Airport Limited, Mohali side for the period of 2 years i.e. 2022-24"

S.no.	Description of Item	Unit	Qty	Quoted Rates	M/s Sameer Glazing Pvt. Ltd.		
					Quoted Amount	Negotiated Rate excluding GST & Rebate @5%	Negotiated Amount excluding GST & Rebate @5%
1	Replacement of Semi Unitized aluminium structural glazing on Rear side/ air side of main building consisting of 29.52mm thick D.G.U. (Outer 11.52mm thick laminated toughened Heat soaked clear glass (outer 6mm thick toughened Heat Soaked clear glass + 1.52mm thick PVB lamination + inner 4mm thick toughened Heat Soaked clear glass) + 12mm thick air gap + Inner 6mm thick toughened heat soaked clear glass) of Saint Gobain/AIS or equivalent make. The standard glass panel shall be of size of 3000mm c/c in width and 1225mm c/c in height, free from any scratch and shall be provided with protective tape on existing heavy duty aluminium extruded built up profiles. The glass to be fixed on existing transom and Mullion as per approved drawing available in the office of Engineer-In-Charge including removal of broken glass, removal of silicon sealant and refixing the new glass with all necessary structural/weather sealant, double adhesive tape, any other component etc. all complete as directed. The contractor has to make temporary arrangement for filling the glass panel using suitable ply of min thickness 12mm covered with suitable film/flex to camouflauge, as approved by Engineer In charge with all necessary supports and fixing arrangement till the replacement of glass can be done (the glass is to be replaced within 10 days of reporting breakage). The Items includes supplying, installation and fixing of 29.52 mm thick laminated toughened /HS glass on existing aluminium framing members (Mullions & Transoms), labours, tools, including supply, installation of 29.52 mm thick toughened clear glass with protective tape, cost of sealants, sleeves, spacers, protective tape, masking tape, backer rods, bolts, gasket, fixtures, excluding double stage scaffolding etc. complete in all respect as per directions and satisfaction of Engineer In-charge. (Scaffolding will be paid extra as per Item No. 15)	sqm	56.00	14790.00	828240.00	14050.50	786828.00
2	Supplying of Semi Unitized aluminium structural glazing on Aerolinks or any other location desired with insulated 30mm thick toughened double glass of Saint Gobain/AIS or equivalent make consisting of outer 8mm thick high performance toughened heat soaked glass on clear substrate + 16mm air gap + inner 6mm thick Heat Soaked toughened clear glass. The outer 8mm thick toughened glass shall be solar control, as well as thermal control, UV protected with high light transmission properties. The outer glass shall be heat reflective having solar control (SF- 0.20 to 0.24), U values (less than 1.4 w/sqm.k), high light transmission (minimum 40%) with internal reflection (12% to 17%) and external reflection (13% to 20%) all complete as directed and approved by Engineer In charge. (The glass is to be replaced within 10 days of reporting breakage). The Items includes supplying, installation and fixing of 30 mm thick laminated toughened Heat soaked glass on existing aluminium framing members (Mullions & Transoms), labours, tools, including supply, installation of 30 mm thick toughened clear glass with protective tape, cost of sealants, sleeves, spacers, protective tape, masking tape, backer rods, bolts, gasket, fixtures, excluding double stage scaffolding etc. complete in all respect as per directions and satisfaction of Engineer In-charge. (Scaffolding will be paid extra as per Item No. 15).	sqm	49.00	10370.00	508130.00	9851.50	482723.50


 राजेश शर्मा / Rajesh Sharma
 Asst. General Manager (E-C)
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 न्यू सिविल एयर टर्मिनल, मोहाली (पंजाब)-140306
 New Civil Air Terminal, Mohali (Punjab)-140306

3	Replacement of glass of Semi Unitized aluminium structural glazing on front/City side, main building with 8mm thick toughened Heat Soaked clear glass of Saint Gobain/AIS or equivalent make in existing aluminum profile for all height. The size of standard glass panel shall be appx .3000mm c/c in width and 1225mm c/c in height and remaining end / corner glass size shall be as per actual size at site. All glass panes shall be free from any scratch / tong marks and any other visible defects. The contractor has to make temporary arrangement for filling the glass panel using suitable ply of min thickness 12mm covered with suitable film/flex to camaflouge , as approved by Engineer In charge with all necessary supports and fixing arrangement till the replacement of glass can be done (the glass is to be replaced with in 10 days of reporting breakage).The glass to be fixed on existing transom and Mullion as per approved drawing available in the office of Engineer In Charge including removal of broken glass , removal of silicon sealant and refixing the new glass with all necessary structural/weather sealant , double adhesive tape ,any other component etc. all complete as directed . The Items includes deglazing and removal of broken glass, supplying, installation and fixing of 8 mm thick toughened Heat soaked glass on existing aluminium framing members (Mullions & Transoms), labours, tools, lifting machines/ cranes etc. including supply, installation of 8mm thick toughened heat soaked clear glass with protective tape, cost of sealants, sleeves, spacers, protective tape, masking tape, backer rods, bolts, gasket, fixtures etc. complete in all respect.	sqm	36.00	2890.00	2745.50	104040.00	98838.00
4	Replacement of glass of Semi Unitized aluminium structural glazing on front side, main building with 11.52mm thick Laminated toughened heat soaked clear glass (Outer 5mm thick toughened Heat strengthened clear glass + 1.52mm thick PVB lamination + inner 5mm thick toughened heat soaked clear glass) glass of Saint Gobain/AIS or equivalent make in existing aluminum profile for all height. The size of standard glass panel shall be appx .3000mm c/c in width and 1225mm c/c in height and remaining end / corner glass size shall be as per actual size at site. All glass panes shall be free from any scratch / tong marks and any other visible defects. The contractor has to make temporary arrangement for filling the glass panel using suitable ply of min thickness 12mm covered with suitable film/flex to camaflouge , as approved by Engineer In charge with all necessary supports and fixing arrangement till the replacement of glass can be done (the glass is to be replaced within 10 days of reporting breakage).The glass to be fixed on existing transom and Mullion as per approved drawing available in the office of Engineer In Charge including removal of broken glass , removal of silicon sealant and refixing the new glass with all necessary structural/weather sealant , double adhesive tape ,any other component etc. all complete as directed. The Items includes supplying, installation and fixing of 11.52 mm thick laminated toughened /HS glass on existing aluminium framing members (Mullions & Transoms), labour, tools, including supply, installation of 8mm thick toughened clear glass with protective tape, cost of sealants, sleeves, spacers, protective tape, masking tape, backer rods, bolts, gasket, fixtures, excluding double stage scaffolding, all taxes & duties etc. complete in all respect as per directions and satisfaction of Engineer In-charge. (Scaffolding will be paid extra as per Item No. 15).	sqm	36.00	12495.00	11870.25	449820.00	427329.00


 06/09/2022
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 सहा. महाप्रबन्धक (अभि. सिविल) / Asst. General Manager (E-C)
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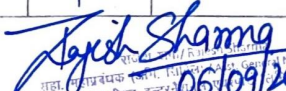
5	Replacement of glass for internal partition glazing system of height up to 4.5meter in the aluminium frame partitions with 12.0mm thick toughened clear glass of Saint Gobain/AIS or equivalent make as per existing system including filling up all necessary gaps at junctions, at top, bottom and sides with required EPDM gasket (as per approved sample) i.e. EPDM gaskets shall be inserted between aluminium frames and beading for glass, as well as from inside and outside around the periphery of the glass to make the glazing air and water tight. The work is including removal of broken glass, beading and refixing the new glass with all necessary screws, gaskets etc. or any other component etc. all complete as directed . The contractor has to make temporary arrangement for filling the glass panel using suitable ply of min thickness 12mm covered with suitable film/flex to camaflouge, as approved by Engineer In charge with all necessary supports and fixing arrangement till the replacement of glass can be done. The work inclusive of above operation at all heights including scaffolding etc. all complete as per direction of Engineer-in-charge. Items cost includes supplying and fixing 12mm thick toughened clear glass, Refixing of available aluminium beading with hardware, EPDM gaskets, Labours, tools, including cost of sealants, brackets, anchor fasteners, s.s. screws, masking tape, protective tape, backer rods, excluding scaffolding complete in all respect as per directions and satisfaction of Engineer In-charge. (Scaffolding will be paid extra as per Item No. 15)	sqm	44.00	6930.00	6583.50	304920.00	289674.00
6	Replacement of glass in position in all heights high semi unitized structural glazing around LIFTS and Roof of Air Lock lobbies and Internal partitions and inside the building with 13.52mm thick laminated toughened clear glass of Saint Gobain/AIS or equivalent make inside the building as per approved drawing available in the office of Engineer In charge. The outer pane shall be 6mm thick toughened/HS clear glass + 1.52mm thick PVB lamination + inner 6mm thick toughened/HS clear glass. The contractor has to make temporary arrangement for filling the glass panel using suitable ply of min thickness 12mm covered with suitable film/flex to camaflouge , as approved by Engineer In charge with all necessary supports and fixing arrangement till the replacement of glass can be done (the glass is to be replaced within 7 days of reporting breakage).Items includes supplying, Installation and fixing of 13.52mm laminated toughened clear glasses on existing aluminium frame work fixed to steel structure, Labours, tools etc. including cost of weather sealants, aluminium channel, screws with pvc fillets, masking tape, protective tape, backer rods, bolts, gasket, M.S brackets, excluding scaffolding to complete glazing in all respect as per directions and satisfaction of Engineer In-charge. (Scaffolding will be paid extra as per Item No. 15)	sqm	15.00	13481.00	12806.95	202215.00	192104.25
7	Replacement of glass for semi unitized structural glazing around Air Lock lobbies vertical walls inside the building with 12mm thick toughened clear glass of Saint Gobain/AIS or equivalent make in the building in the available frame work of aluminium. The contractor has to make temporary arrangement for filling the glass panel using suitable ply of min thickness 12mm covered with suitable film/flex to camaflouge , as approved by Engineer In charge with all necessary supports and fixing arrangement till the replacement of glass can be done (the glass is to be replaced within 7 days of reporting breakage) .Items includes supplying, Installation and fixing of toughened clear glasses in the existing frame work fixed to steel structure, Labours, tools etc. including cost of weather sealants, aluminium channel (if required), screws with PVC fillets, masking tape, protective tape, backer rods, bolts, gasket, M.S brackets, excluding scaffolding to complete glazing in all respect as per directions and satisfaction of Engineer In-charge. (Scaffolding will be paid extra as per Item No. 15)	sqm	24.00	7140.00	6783.00	171360.00	162792.00

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Tejesh Sharma
06/09/2022

Tejesh Sharma
Asst. General Manager (E)
Chandigarh International Airport Ltd.
Chandigarh-140306
Punjab-140306

8	Replacement of glass for internal partition glazing system of height up to 7.00meter in the aluminium frame partitions with 13.52mm thick Laminated toughened clear glass (Outer 6mm thick toughened/HS clear glass + 1.52mm thick PVB lamination + inner 6mm thick toughened/HS clear glass) of Saint Gobain/AIS or equivalent make as per existing system including filling up all necessary gaps at junctions, at top, bottom and sides with required EPDM gasket (as per approved sample) i.e. EPDM gaskets shall be inserted between aluminium frames and beading for glass, as well as from inside and outside around the periphery of the glass to make the glazing air and water tight. The work is including removal of broken glass, beading and refixing the new glass with all necessary screws, gaskets etc. or any other component etc. all complete as directed. The contractor has to make temporary arrangement for filling the glass panel using suitable ply of min thickness 12mm covered with suitable film/flex to camouflauge, as approved by Engineer In charge with all necessary supports and fixing arrangement till the replacement of glass can be done (the glass is to be replaced within 7 days of reporting breakage), The work inclusive of above operation at all heights including scaffolding etc. all complete as per direction of engineer In charge. Items cost includes supplying and fixing 13.52mm thick laminated clear glass, Refixing of available aluminium beading with hardware, EPDM gaskets, Labours, tools, including cost of sealants, brackets, anchor fasteners, s.s. screws, masking tape, protective tape, backer rods, excluding scaffolding, complete in all respect as per directions and satisfaction of Engineer In-charge. (Scaffolding will be paid extra as per Item No. 15)	sqm	29.00	12688.00	12053.60	367952.00	349554.40
9	Providing and fixing 6mm thick Back painted machine cut Lacquered glass Almond green of make Saint Gobain or approved equivalent in required size & shape and colour of approved make on the wall lining/cladding fixed over the existing 12mm thick MR grade Ply board (century /greenply/merino/or approved equivalent) with the help of structural silicone (GE WINSEL-20/Dow Corning-789), The glass should beveled edged at the corners /junctions to avoid any sharp edge in the glass) (Sample of glass and fixing details shall be got approved before execution from Engineer-in- charge). All complete as per directions and satisfaction of Engineer In-charge. (Scaffolding will be paid extra as per Item No. 15)	sqm	41.00	3495.00	3320.25	143295.00	136130.25
10	Providing and fixing 10mm thick toughened clear glass with manual sliding door system including all necessary component i.e. slide rail at top, track roller, stopper at top & guide rail at bottom along with a pair of SS handles all complete as per site conditions. The glass system is to be fixed with existing MS supporting member as direction & satisfaction by Engineer In Charge.	sqm	10.00	5325.00	5058.75	53250.00	50587.50
11	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture including providing and fixing top & bottom pivot & spring type fixing arrangements, locking arrangement, pair of SS handles complete with making necessary holes etc. required for fixing required door fittings as per direction and satisfaction of Engineer-in-charge.	sqm	6.00	6300.00	5985.00	37800.00	35910.00
12	Providing and fixing of glass door lock of approved quality of make (Dorma /Yale/Ozone or equivalent) at the centre of the glass door including making necessary cut in door frame all complete as directed by the engineer In Charge as per satisfaction of E.I.C. (a) Single door lock	each	5.00	2100.00	1995.00	10500.00	9975.00
13	Providing and fixing of glass door lock of approved quality of make (Dorma /Yale/Ozone or equivalent) at the centre of the glass door including making necessary cut in door frame all complete as directed by the engineer In Charge as per satisfaction of E.I.C. (a) Sliding door lock	each	5.00	1800.00	1710.00	9000.00	8550.00


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 Chandigarh International Airport Ltd.
 Chandigarh

14	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) (a) For fixed portion	Kg	800.00	590.00	560.50	472000.00	448400.00
15	Providing and fixing double scaffolding system (cup lock type) on the exterior side, up to seven story height made with 40 mm dia M.S. tube 1.5 m centre to centre, horizontal & vertical tubes joining with cup & lock system with M.S. tubes, M.S. tube chollies, M.S. clamps and M.S. staircase system in the scaffolding for working platform etc. and maintaining it in a serviceable condition for the required duration as approved and removing it thereafter .The scaffolding system shall be stiffened with bracings, runners, connection with the building etc. wherever required for inspection of work at required locations with essential safety features for the workmen etc. complete as per directions and approval of Engineer-in-charge. The elevational area of the scaffolding shall be measured for payment purpose. The payment will be made once irrespective of duration of scaffolding.	sqm	810.00	550.00	522.50	445500.00	423225.00
				Total		4108022.00	3902620.90


 06/09/2022
 राजेश शर्मा / Rajesh Sharma
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 New Civil Air Terminal, Mohali (Punjab)-140306

Signature Not Verified

Digitally signed by Rajesh Sharma
 Date: 2022.09.06 15:47:18 IST
 Location: eProcurement System for
 Central PSUs