



शुद्धिपत्र/ Corrigendum No.1

Date: 13.02.2019

Please refer to Bank's Tender Ref. no. **314/2019/1427/HO1/PREMISES** dated **February 01st, 2019** "**Repair & renovation of external façade and ground floor lobby in SIDBI Head Office at SIDBI Tower, 15, Ashok Marg, Lucknow** "

The following changes have been made in the Terms and Condition of the Tender through this Corrigendum.

S. No.	Reference	Clause as per tender	Query raised	SIDBI's Response
1	BOQ SIDBI Tower – S.no. 3	Providing and injecting chemical emulsion for preconstructional antitermite treatment and creating a chemical barrier under and around the column pitwall trench basement excavation top surface if plinth filling junction of wall and floor along the external perimer of binding expansion joints, surrounding of pipes and conduits etc. complete (plinth area of the building at ground floor only shall be measured as per I.S.6313(Part II 1981) aldrine emulsifiable concrete or any other approved material such as hepthachlor or chlordance	Unit to mentioned as SQM in place of CUM being SOR item.	Unit changed from CUM to SQM.

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		<p>will be used. The rate of application of chemical emulsion shall be as follows:- (1) treatment for masonry & foundation 5 litres per sq.m. (2) back fill in immediate contract with foundation 7.5 litre per sq.m (3)treatment of top surface of plinth filling 5 liters per sq.m. (4) treatment of soil along external parameter of building 7.50 lire per sq.m.</p> <p>UNIT - CUM</p>		
2	BOQ SIDBI Tower – DSR.no. 25.2	<p>Designing, fabricating, testing, protection, installing and fixing in position semi (grid) unitized system of structural glazing (with open joints) for linear as well as curvilinear portions of the building for all heights and all levels, including:</p>	<p>1. The curvilinear portion of Glass façade at the corner of front side is to be from factory fabricated curved glass or by using normal glass to be placed in curve portion.</p> <p>2. Detailed Description of DSR item.</p>	<p>1. Being larger radius of curve, the curvilinear portion may not be specially made of curved glass.</p> <p>2. Designing, fabricating, testing, protection, installing and fixing in position semi (grid) unitized system of structural glazing (with open joints) for linear as well as curvilinear portions of the building for all heights and all levels, including:</p> <p>a) Structural analysis & design and preparation of shop drawings for the specified design loads conforming to IS 875 part III (the system must passed the proof test at 1.5 times design wind pressure without any failure), including functional design of the aluminum sections for fixing glazing panels of various thicknesses, aluminium cleats, sleeves and splice plates etc. gaskets, screws, toggles, nuts, bolts, clamps etc., structural and weather silicone sealants, flashings, fire stop (barrier)-cum-smoke seals, microwave cured EPDM gaskets for water tightness, pressure equalisation & drainage and protection against fire hazard including:</p> <p>(b) Fabricating and supplying serrated M.S. hot dip</p>

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				<p>galvanised / Aluminium alloy of 6005 T5 brackets of required sizes, sections and profiles etc. to accommodate 3 Dimensional movement for achieving perfect verticality and fixing structural glazing system rigidly to the RCC/ masonry/structural steel framework of building structure using stainless steel anchor fasteners/ bolts, nylon seperator to prevent bimetallic contacts with nuts and washers etc. of stainless steel grade 316, of the required capacity and in required numbers.</p> <p>(c) Providing and filling, two part pump filled, structural silicone sealant and one part weather silicone sealant compatible with the structural silicone sealant of required bite size in a clean and controlled factory / work shop environment, including double sided spacer tape, setting blocks and backer rod, all of approved grade, brand and manufacture, as per the approved sealant design, within and all around the perimeter for holding glass.</p> <p>(d) Providing and fixing in position flashings of solid aluminium sheet 1 mm thick and of sizes, shapes and profiles, as required as per the site conditions, to seal the gap between the building structure and all its interfaces with curtain glazing to make it watertight.</p> <p>(e) Making provision for drainage of moisture/ water</p>

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				<p>that enters the curtain glazing system to make it watertight, by incorporating principles of pressure equalization, providing suitable gutter profiles at bottom (if required), making necessary holes of required sizes and of required numbers etc. complete.</p> <p>This item includes cost of all inputs of designing, labour for fabricating and installation of aluminium grid, installation of glazed units, T&P, scaffolding and other incidental charges including wastages etc., enabling temporary structures and services, cranes or cradles etc. as described above and as specified. The item includes the cost of getting all the structural and functional design including shop drawings checked by a structural designer, dully approved by Engineer-in-charge. The item also includes the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working structural glazing as specified, cleaning and protection till the handing over of the building for occupation. In the end, the Contractor shall provide a water tight structural glazing having all the performance characteristics etc. all complete as required, as per the Architectural drawings, as per item description, as specified, as per the approved shop drawings and as directed by the Engineer- in-Charge.</p>

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				<p>Note:- 1. The cost of providing extruded aluminium frames, shadow boxes, extruded aluminium section capping for fixing in the grooves of the curtain glazing and vermin proof stainless steel wire mesh shall be paid for separately under relevant items under this sub- head. However, for the purpose of payment, only the actual area of structural glazing (including width of grooves) on the external face shall be measured in sqm. up to two decimal places.</p> <p>Note:-2. The following performance test are to be conducted on structural glazing system if area of structural glazing exceeds 2500 Sqm from the certified laboratories accredited by NABL(National Accreditation Board for Testing and Calibration Laboratories), Department of Science & Technologies, India. Cost of testing is payable separately. The NIT approving authority will decide the necessity of testing on the basis of cost of the work, cost of the test and importance of the work. Performance Testing of Structural glazing system Tests to be conducted in the NBL Certified Laboratories</p> <p>1. Performance Laboratory Test for Air Leakage Test (-50pa to -300pa) & (+50pa to +300pa) as per ASTM E-283-04 testing method for a range of testing limit 1 to 200 mVhr</p> <p>2. Static Water Penetration Test. (50pa to 1500pa) as per ASTM E-331-09 testing method for a range up to</p>

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				<p>2000 ml.</p> <p>3. Dynamic Water Penetration (50pa to 1500pa) as per AAMA 501.01- 05 testing method for a range upto 2000 ml</p> <p>4. Structural Performance Deflection and deformation by static air pressure test (1.5 times desing wind pressure without any failure) as per ASTM E-330- 10 testing method for a range upto 50 mm</p> <p>5. Seismic Movement Test (upto 30 mm) as per AAMA 501.4-09 testing method for Qualitative test Tests to be conducted on site.</p> <p>6. Onsite Test for Water Leakage for a pressure range 50 kpa to 240 kpa (35psi) upto 2000 ml</p>
3	BOQ SIDBI Tower – DSR.no. 25.3	Providing, assembling and supplying vision glass panels (IGUs) comprising of hermetically-sealed 6-12- 6 mm insulated glass (double glazed) vision panel units of size and shape as required and specified, comprising of an outer heat strengthened float glass 6mm thick, of approved colour and shade with reflective soft coating on surface # 2 of approved colour and shade, an inner Heat strengthened clear float glass 6mm thick, spacer tube 12mm wide, dessicants, including primary seal and secondary seal (structural silicone sealant) etc. all complete for the required performances, as per the Architectural drawings, as per the approved shop drawings,	<p>1. Item no. 26.2 as referred in BOQ description not found in the BOQ.</p> <p>2. Detailed Description of DSR item.</p>	<p>1. Item no. 26.2 to be read as 25.2 in the description.</p> <p>2. Providing, assembling and supplying vision glass panels (IGUs) comprising of hermetically-sealed 6-12- 6 mm insulated glass (double glazed) vision panel units of size and shape as required and specified, comprising of an outer heat strengthened float glass 6mm thick, of approved colour and shade with reflective soft coating on surface # 2 of approved colour and shade, an inner Heat strengthened clear float glass 6mm thick, spacer tube 12mm wide, dessicants, including primary seal and secondary seal (structural silicone sealant) etc. all complete for the required</p>

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		<p>as specified and as directed by the Engineer-in-Charge. The IGUs shall be assembled in the factory/ workshop of the glass processor. (Payment for fixing of IGU Panels in the curtain glazing is included in cost of item No.26.2) For payment, only the actual area of glass on face # 1 of the glass panels (excluding the areas of the grooves and weather silicone sealant) provided and fixed in position, shall be measured in sqm</p>		<p>performances, as per the Architectural drawings, as per the approved shop drawings, as specified and as directed by the Engineer-in-Charge. The IGUs shall be assembled in the factory/ workshop of the glass processor. (Payment for fixing of IGU Panels in the curtain glazing is included in cost of item No.25.2)</p> <p>For payment, only the actual area of glass on face # 1 of the glass panels (excluding the areas of the grooves and weather silicone sealant provided and fixed in position, shall be measured in sqm.</p> <p>(i) Coloured tinted float glass 6mm thick substrate with reflective soft coating on face # 2, +12mm Airgap + 6mm Heat Strengthened clear Glass of approved make having properties as visible Light transmittance (VLT) of 25 to 35 %, Light reflection internal 10 to 15%, light reflection external 10 to 20_%, shading coefficient (0.25- 0.28) and U value of 3.0 to 3.3 W/m2 degree K etc. The properties of performance glass shall be decided by technical sanctioning authority as per the site requirement.</p>
4	BOQ SIDBI Tower – S.no. 51	<p>Providing and laying machine cut, mirror polished, Italian Marble stone flooring laid in required pattern in linear portion of the building all complete as per architectural drawings, with 18 mm thick stone slab laid over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement slurry @ 4.4 kg/sqm</p>	DSR no. not mentioned	DSR no. 11.51.1

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		including pointing with white cement slurry admixed with pigment to match the marble shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.		
5	BOQ SIDBI Tower – S.no. 65	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	DSR no. not mentioned	DSR no. 15.19
6	Appendix 1 – Time Schedule S.no. 1 – Period of Completion	04 months from the date of commencement of work.	Period of completion may be reviewed as it is too less.	No change

All other terms and conditions shall remain same as mentioned in our tender Tender Ref. no. **314/2019/1427/HO1/PREMISES** dated **February 01st, 2019**.

Kindly keep on checking our website www.sidbi.in regularly to get latest updates regarding this tender notice.

Bank reserves the right to change the dates, timings mentioned above or elsewhere mentioned in the RFP, which will be communicated by placing the same as corrigendum under Tender section on Bank's web-site.
