

Tender documents for the Structural Glazing, Aluminum Louvers and HPL Work

For

RAS OFFICERS' CLUB PROJECT

At

Plot No. 2, Institutional Area, Near Dainik Bhaskar Office,

Gopalpura Bypass, JAIPUR

Date and Time of submission of Tender at

Plot No. 2, Institutional Area, Near Danik Bhaskar

Office, Gopalpura Bypass , Jaipur : 31st October , 2018 before 1.00 pm

**Opening of Technical Bid : 02nd November , 2018 at 12.00 pm
onwards**

**Opening of Financial Bids & Presentation : 02nd November , 2018 at 1.15 pm
onwards (At Site, Jaipur)**

**Time of Completion of Work : 04 Months for the External Elevation
Works from the date of release of work
order and 12 months for the Internal
works from the date of release of work
order (Total time period 12 months)**

Following documents are enclosed with STRUCTURAL GLAZING, ALUMINUM LOUVERS AND HPL WORK contract :

- 1. Project Detail – Annexure 1
- 2. General Conditions – Annexure 2
- 3. Other Information – Annexure 3
- 4. Brief Terms & Conditions – Annexure 4
- 5. Appendix – Annexure 5
- 6. Approved Makes – Annexure 6
- 7. B.O.Q (Bill of Quantities) – Annexure 7
- 8. Drawings – Annexure 8

PROJECT DETAILS

Supply and fixing Contract for complete **Structural Glazing, Aluminum Louvers and HPL work** of the proposed RAS Officers' Institute (Club House) building at Plot No. 2, Institutional Area, Near Dainik Bhaskar, Jaipur.

RAJASTHAN PRASHASHNIK SEVA PARISHAD, a registered society having a land measuring around 3270 Sq.mt at Plot No.2, Institutional Area, near DAINIK BHASKAR is developing a **RAS OFFICERS' INSTITUTE (CLUB HOUSE)** building through **RAS Officers' Institute** (a registered society formed for the purpose of building and running this club house) who will act as the employer for the Project.

This **CLUB HOUSE** building comprising of 2 Basement floors and 6 over ground floors (with the total built up area of approx. 1,20,000 Sqft.) is supposed to house a number of facilities. It will be developed as a green complex with greenery around. The facilities include proper parking space at 2 basement and ground levels, coffee shop, indoor sports areas, outdoor sports areas, swimming pool, banquet hall, conference halls, guest rooms, restaurant, bar, roof top structures, Gym, Health Club etc.

GENERAL CONDITIONS

In constructing these conditions and the interpretations, specifications, schedule of quantities and contract of agreement, etc. the following work shall have the meaning herein assigned to them except where the subject or context is otherwise required.

- (A) **“Structural Glazing, Aluminum Louvers and HPL Work Contractor”** shall mean to whom the contract is awarded and shall include his / their legal representative (s), Assignees(s), or successor(s).
- (B) ‘Site’ shall mean the site of the contract work including any building and creations there on as aforesaid allotted by the “RASO’I / PMC / Architect” for the Structural Glazing, Aluminum Louvers and HPL Work Contractor’s use.
- (C) ‘Notice in Writing or Written Notice shall mean a notice in written, typed or printed characters, sent (unless delivered personally or otherwise proved to have been received including electronic communication) by the registered post to the last known private or business address and of registered office of the addressee and shall be deemed to have been received when in the ordinary course of post, it would have been delivered.
- (D) ‘Act of Insolvency’ shall mean any act of insolvency as defined and laid down by the prevalent laws of the land.

1 “Structural Glazing, Aluminum Louvers and HPL Work Contractor” to Provide Everything Necessary

- (i) The “Structural Glazing, Aluminum Louvers and HPL Work Contractor” shall provide everything necessary for the proper execution of the works including tools and plants according to the intent and the meaning of the drawings, schedule of quantities and specifications taken together (as amended from time to time), whether the same may or may not be particularly shown or described therein, provided that the same can reasonably be inferred there from, and if the “Structural Glazing, Aluminum Louvers and HPL Work Contractor” finds any discrepancy in the drawings or between the drawings, schedule of quantities, and specifications, he shall immediately and in writing refer the same to the “RASO’I / PMC / Architect”. Final decision would be considered as per RASO’I decision. Figures, dimensions shall be followed in preference to scale and the following order of precedence will be followed:
 - (A) Schedule of items/ works & quantities.
 - (B) Particulars of specification.
- (i) The “Structural Glazing, Aluminum Louvers and HPL Work Contractor” shall supply, fix and maintain at his cost during the executions of any works, all the necessary scaffolding, staging, watching, lighting by night as well as by day, etc. required not only for proper execution and protection of the public and the safety of any adjacent road, street cellars, vaults, ovens, pavements, walls, house, buildings, and all other erections, matters or things and the “Structural Glazing, Aluminum Louvers and HPL

Work Contractor” shall take down and remove any or all such scaffoldings, staging, etc., as occasion shall require or when ordered to do so and shall fully reinstate and make good all matters and things disturbed during the execution of work, to the satisfaction of the Architect / PMC and finally the “Employer”.

- (i) All the tools, tackles and testing equipment’s required to complete the work execution and testing will be in part of Structural Glazing, Aluminum Louvers and HPL Work Contractor.

2. Eligibility Criteria: Structural Glazing, Aluminum Louvers and HPL Work Contractor who fulfills the following requirements shall be eligible to apply.

Joint Ventures are not accepted.

Should have more than 5 years’ experience of Structural Glazing, Aluminum Louvers and HPL work field and satisfactorily Similar nature of work means the Complete Structural Glazing, Aluminum Louvers and HPL Work Job of more than or equal to four storied building or a building having minimum height 15 meters with superior specifications.

3 Structural Glazing, Aluminum Louvers and HPL Work Contractor’s Superintendence and Representative on the Works –

The “Structural Glazing, Aluminum Louvers and HPL Work Contractor” shall have necessary personal experienced supervisor / engineer during the execution of the works, and as long thereafter as “RASO’I / PMC / Architect” or his representative may consider necessary until expiry of the ‘Defects Liability Period’ stated in the appendix which is annexed here to as **Annexure-4** of the agreement. The “Structural Glazing, Aluminum Louvers and HPL Work Contractor” shall also, during the whole time that works are in progress, employ an authorized representative (who can also be the same person as the project Manager) who shall be constantly in attendance at the building while the men are at work. Any directions, explanations, instructions or notices given by the “RASO’I / PMC / Architect” or his authorized representative to such authorized representative shall be held to be given to the “Structural Glazing, Aluminum Louvers and HPL Work Contractor”.

4 Assignment and Subletting

The whole of the work included in the contract shall be executed by the “Structural Glazing, Aluminum Louvers and HPL Work Contractor” and any part or share thereof or interest thereon without written permission of the “RASO’I / PMC” shall not be assigned or sublet.

5 Dismissal of Workman -

The “Structural Glazing, Aluminum Louvers and HPL Work Contractor” shall on the request of the “RASO’I / PMC / Architect” or his representative immediately dismiss from the works any

person employed thereon by him who may in the opinion of the "RASO'I / PMC", be incompetent or misconducts himself, and such person shall not be again employed on the works without the permission of the "RASO'I / PMC / Architect".

6 Variation not to Vitiating Contract & Ascertainment of price for extras etc.

The "RASO'I / PMC / Architect" will have power to make any alteration & omission from / addition to or substitution from the original specifications, drawings, and instructions, that may appear to him to be necessary during the progress of the work, and the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall carry out the work in accordance with any instruction which may be given to him in writing signed by the PMC/Architect, and such alternations, omissions, additions or substitutions shall not vitiate the contract and any altered, additional or substituted work, which the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" may be directed to do in the manner specified above as part of the work to be carried out by the " Structural Glazing, Aluminum Louvers and HPL Work Contractor" on the same conditions in all respect on which he agrees to do the main work . In such an event, the time for the completion of the work may be extended in the proportion that the altered, additional or substituted work bears to the original contract work (only in case the changes are of a substantial nature).

The rates for such additional altered or substituted work under this clause shall be worked out in accordance with the following provisions respective by –

- (i) If the rates for the additional, altered or substituted work are specified in the contract for the work, the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" is bound to carry out the altered, additional or substituted work at the same rates as are specified in the contract for the work.
- (ii) If the rates for the additional, altered, or substituted work are not specially provided in the contract for the work, the rates will be derived from the rates for similar class of work as are specified in the contract for the work.
- (iii) If the altered, additional or substituted work includes any work for which rates cannot be derived from the similar class of work, in the contract, then such work shall be carried out at the rates as per RASO'I/PMC keeping in view the prevailing rates, mutually agreed based on the rate analysis including overheads and profit of the "Structural Glazing, Aluminum Louvers and HPL Work Contractor"

7 Measurement of Works-

Measurements shall be taken in accordance with the standard method of mode of measurement of Structural Glazing, Aluminum Louvers and HPL Work works as per govt. BSR or Specification mentioned in BOQ. The "Structural Glazing, Aluminum Louvers and HPL Work Contractor" or his agent may at the time of taking measurement take such notes and measurement as he may require. All authorized extra works, omissions, and other items if subsequently authorized by the "RASO'I / PMC / Architect" or his authorized representative in writing shall be included in such measurement.

The "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall submit running bills supported by details and after the completion of the work to the satisfaction of the "RASO'I / PMC / Architect" the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall forward the final bill in the same manner as explained above. No. claim shall be entertained in respect of work after submission of final bill by the "Structural Glazing, Aluminum Louvers and HPL Work Contractor".

8 TESTS

After completion of the works and before first delivery is taken, a full test will be carried out of the work for a period of sufficient duration to determine the satisfactory working thereof. During this period the work will be inspected by "RASO'I / PMC / Architect" and the Structural Glazing, Aluminum Louvers and HPL Work Contractor shall make well, to the satisfaction of the "RASO'I / PMC / Architect", any defects which may arise.

The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall provide all instruments and equipment required for testing, completion and any other relevant requirement.

9 Notice to Be Given Before Work Is Covered Up-

The "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall give not less than seven days' notice in writing to the Architect/ PMC Engineer in charge or his subordinates in-charge of the work before covering up or otherwise placing beyond the reach of measurement, any work that the same may be measured, and correct dimension there be recorded before the same is so covered up or placed beyond the reach. Architect or PMC Engineer in-charge shall within the aforesaid period of seven days inspect the work, and if any work is covered up or placed beyond the reach of measurement, or without such notice having been given or PMC's consent not obtained, the same shall be uncovered at the "Structural Glazing, Aluminum Louvers and HPL Work Contractor's" expense or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.

10 Defects after Completion

Any defects, in the line & level of the Structural Glazing, Aluminum Louvers and HPL Work, use of under gauge or standard approved material which may appear within the 'Defect Liability Period', arising in the opinion of the "RASO'I / PMC's engineer / Architect" of the materials or workmanship or specifications, drawings, and directions in the writing of the "RASO'I / Architect / PMC's shall within such reasonable time as specified in writing be rectified, amended and made good by the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" at his own cost. The "RASO'I / PMC's" engineer shall decide whether the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" ought to be paid for such amending and in case of default the "RASO'I / PMC" may employ and pay other persons to

amend and make good such defects, in the line & level of the Structural Glazing, Aluminum Louvers and HPL Work, use of under gauge or standard approved material or other faults, and all damages, loss and expenses consequent thereon and incidental thereto shall make good and borne by the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" and such damages, loss and expenses shall be recoverable from him by the "RASO'I / PMC". This may be deducted by the "RASO'I / PMC" on PMC/Architect's certificate in writing, from any money due or that may become due to him (Structural Glazing, Aluminum Louvers and HPL Work Contractor).

11 Certificate of Virtual Completion-

The work shall not be considered as complete until the PMC Engineer/ Architect have certified in writing that the works have been virtually completed and the defects liability period shall commence from the date of such certificate. Such certificates of virtual completion shall not be issued until the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall have cleared the site to the satisfaction of the "RASO'I / PMC / Architect".

Structural Glazing, Aluminum Louvers and HPL Work Contractor has to complete all the civil related repair works at his own cost during the execution of his scope of work. Material required for civil repair works will be provided by RASO'I.

12 Date of Commencement and Completion

The "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall be allowed admittance to the site in the 'Date of Commencement' stated in the Work Order, and he shall here upon and forth with begin the work and shall regularly proceed with and complete the same on or before the 'Date of completion' stated in the appendix subject nevertheless to the provision for the extension of time hereinafter contained.

13 Damage for Non-Completion

If the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" fails to complete the works by due date or within any extended time under writing, the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall pay or allow the "RASO'I" the "**Liquidated Damage**" for the period during which the said works shall so remain incomplete and the "RASO'I" may deduct such damage at the of **Rs. 5,000 per day** subject to the maximum of 2% of contract value will be levied. However delays due to non-supply of working drawings, natural calamities like floods, heavy rains, earth quakes and bandh, curfew etc. will not be counted in delays.

14 Damages through Unforeseen Events.

No compensation for any damage caused to the work or material by "Structural Glazing, Aluminum Louvers and HPL Work Contractor's" work force shall be paid to the "Structural

Glazing, Aluminum Louvers and HPL Work Contractor”, the “Structural Glazing, Aluminum Louvers and HPL Work Contractor” shall have to make good all such damages himself at his own cost. (Except Force Majeure)

15 Termination of the Contract by the “RASO’I / PMC”-

On default of “Structural Glazing, Aluminum Louvers and HPL Work Contractor” in execution of work to the satisfaction of “RASO’I / PMC / Architect” in all respects, the RASO’I shall have the right to terminate the contract after giving 15 days’ notice.

16. Clearance of Site-

The “Structural Glazing, Aluminum Louvers and HPL Work Contractor’ shall have to remove debris (Scrap) related to his work from the site of work, before handing over the work to the “RASO’I / PMC”. The work shall not be treated as completed in all respects unless this requirement is fulfilled by him. In the event of the “Structural Glazing, Aluminum Louvers and HPL Work Contractor” failing to do so, the “RASO’I / Architect/ PMC” shall have the right to get site cleared, at the “Structural Glazing, Aluminum Louvers and HPL Work Contractor’s” risk and cost without prejudice to the right to recover damages under clause 13 of the contract.

17. LABOUR REGULATIONS:

17.1 REGULATIONS:

The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall be wholly and solely responsible for full compliance of provisions under all labour laws and / or regulations including the latest requirements of all the acts, laws, any regulations or bye-laws or any local or other statutory obligation applicable in relation to the execution of the work as Payment of Wages Act 1936, employees liability act 1938, workmen’s compensation act 1923, industrial disputes act 1947, the Maternity benefit act 1961, the contract labour (regulation and abolition) act 1970 and the factories act 1948, minimum wages act 1948, apprentices act 1961, any other act including E.S.I.C. Act or enactment and rules framed there under from time to time, industrial employment, (standing order) act 1946 (amended), personal injuries (compensation insurance) act 1963 and any modification thereof and rules made there under from time to time, employees provident fund and miscellaneous provision act 1952, Owner’s liability act 1938, or any modifications thereof or any other law relating thereto and rules there under for the time being in force introduced from time to time which may be applicable to employees of the Structural Glazing, Aluminum Louvers and HPL Work Contractor. The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall assume liability and shall indemnify the owner from every expense, liability or payment by reason of the application of any labour law, act, rules or regulations existing or to be introduced at a future date during the term of the

contract. Insurance cover towards the above shall be affected by the Structural Glazing, Aluminum Louvers and HPL Work Contractor as called for. In general, in respect of all labour directly or indirectly employed in the work for the performance of Structural Glazing, Aluminum Louvers and HPL Work Contractor's part of the contract, the Structural Glazing, Aluminum Louvers and HPL Work Contractor shall comply with all the rules framed by the Government authorities concerned from time to time for protection of the health and welfare of the workers. The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall obtain a valid license under the contract labour (R & A) act 1970 and the contract labour (regulation and abolition) central rules 1971 and under any other applicable rules before the commencement of the work and continue to have a valid license until the completion of the work and shall pay the statutory fee, file returns, etc. in compliance under all such Acts.

17.2 PAYMENT OF WAGES :

The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall pay to labour employed by him either directly or through sub-contractors wages not less than the minimum wages as defined in the relevant local labour regulations or as per the provisions of Minimum Wages Act, 1948 or the contract labour (regulation and Abolition) act 1970 and the contract labour regulation and Abolition of central rules 1971, wherever applicable and observe hours and conditions of labour's according to the conditions established for the trade or industry or prescribed by regulations or order in force in the district where the work is carried out. He shall also abide by the minimum wages and other regulations applicable to the labour engaged in the work, as laid down by the concerned local authorities to which the organizations of Owners and trade union representatives or a substantial proportions of the Owners and workers engaged in the trade or industry in the district are affiliated. In the absence of such established rates and conditions the Structural Glazing, Aluminum Louvers and HPL Work Contractor shall pay rates or wages and observe hours and conditions of labour which are not less favorable than the general level of wages, hours and conditions observed in the trades or industries similar to those in which the Structural Glazing, Aluminum Louvers and HPL Work Contractor in engaged.

17.3 MODEL RULES:

The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall at his own expenses comply with or cause to be complied with Model Rules for labour welfare framed by Government or other local bodies from time to time for the protection of health and for making sanitary arrangements, Malaria control, etc. for workers employed directly or indirectly on the work and in the workers hutment area including any temporary stay arrangement. In case the Structural Glazing, Aluminum Louvers

and HPL Work Contractor fails to make arrangements as aforesaid, the owner shall be entitled to do so and recover the cost thereof from the Structural Glazing, Aluminum Louvers and HPL Work Contractor, without absolving the Structural Glazing, Aluminum Louvers and HPL Work Contractor from all or any consequences of his defaults.

18 CONTRIBUTION TOWARDS EMPLOYEE BENEFITS, FUNDS ETC:

The contract price includes expenses necessary to meet the Structural Glazing, Aluminum Louvers and HPL Work Contractor's obligations for making contributions towards employee benefits funds (such as provident fund , ESI benefits, old age pension and /or any other benefits/ compensation legally payable) in compliance with all the statutory regulations and requirements whether specifically mentioned here or not. All records in this connection shall be properly maintained by the Structural Glazing, Aluminum Louvers and HPL Work Contractor and produced for scrutiny by the concerned authorities, the Engineer-In-Charge, and the owner whenever called for.

19 Minimum Wages Act & Rules-

The "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall comply with all the provision of /The Minimum Wages Act. The contract or shall, also comply with all the provisions of the P.W.D "Structural Glazing, Aluminum Louvers and HPL Work Contractor's" Labour Regulations' made by the Government from time to time C.P.W.D., safety code framed from time to time as well as 'Model rules for the protection of health and sanitary arrangements for worker employed by the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall also from part of this contract. The Structural Glazing, Aluminum Louvers and HPL Work Contractor will follow all labour laws which are applicable in the state including provident fund rules. **Structural Glazing, Aluminum Louvers and HPL Work Contractor will ensure that in no case the RASO'I will have any responsibility about the workers/employees of the Structural Glazing, Aluminum Louvers and HPL Work Contractor.** The RASO'I / PMC will also watch whether the Structural Glazing, Aluminum Louvers and HPL Work Contractor follows the all labour laws **and other statutory Rules & Regulations of Govt. in this regards.**

20 Possession Prior to Completion-

The "RASO'I / PMC" shall have the right to taking possession of or use any completed or partially completed part of the work. Such possession or use shall not be an acceptance of any work completed in accordance with contract agreements.

21 Alternatives-

The "Structural Glazing, Aluminum Louvers and HPL Work Contractor" is to quote for various alternative items of work described in the schedule of quantities. The "RASO'I / PMC" reserves the right to substitute the items in lieu of original items in the tender

either in part or in full. Its revised rate if required has to be got approved by RASO'I / PMC before the execution of that particular substitute item.

22 Record and documentation of test report-

A proper record/ documentation of the work test report daily signed by the "Structural Glazing, Aluminum Louvers and HPL Work Contractor"/ PMC Team Leader /site engineer will be maintained by the "PMC". All tests will be done in presence of the PMC site engineer.

23 Taxes and Duties-

I. Income – Tax

Income Tax at the prevailing rate, on gross amount billed, shall be deducted from Structural Glazing, Aluminum Louvers and HPL Work Contractor's bills as per relevant provisions of the income Tax Act

II. GST will be paid extra over rates quoted as mentioned in the tender by the Structural Glazing, Aluminum Louvers and HPL Work Contractor.

No escalation shall be allowed on material / labour. Any New Taxes applicable at any stage on any works shall be to Structural Glazing, Aluminum Louvers and HPL Work Contractor's account. The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall include in his rates statutory obligations of his labour such as ESI, PF, etc., if applicable and indemnify the RASO'I against the same.

III. Other Taxes

Structural Glazing, Aluminum Louvers and HPL Work Contractor shall be fully and exclusively liable for all the statutory taxes, levies, cess etc. now in force and hereafter increases, or modified in respect of works and materials by central and state government authorized.

24 Specification and drawing will be supplied by Architect. All specifications will be written on the respective drawings supplied. In case of any doubt regarding specification, Architect will be contacted and clarification sought by the "Structural Glazing, Aluminum Louvers and HPL Work Contractor".

25 Safety Clause-

- I. During the execution & Testing, the safety of workers shall be total responsibility of "Structural Glazing, Aluminum Louvers and HPL Work Contractor" and the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall be responsible for injury to persons or things and all structural damages to the property which may arise from the operation or neglect of the " Structural Glazing, Aluminum Louvers and HPL Work

Contractor's" employees, nominees, "Sub-Structural Glazing, Aluminum Louvers and HPL Work Contractor's" or their employees. Whether such injury or damages arises from carelessness, accident or any other causes whatsoever, in any way connected with the carrying out of construction pursuant to these presents.

- II. The "Structural Glazing, Aluminum Louvers and HPL Work Contractor's" shall indemnify and keep the owners harmless against any claims, demands, actions, proceedings that may be made against the "RASO'1 / PMC/ Architect" or that may be suffered by the "RASO'1 / PMC / Architect" by reason of anything done by the "Structural Glazing, Aluminum Louvers and HPL Work Contractor" pursuant to said works.
- III. The "Structural Glazing, Aluminum Louvers and HPL Work Contractor" shall obtain required insurance policies covering all such risks covering labour engaged by them.

26. SAFETY CODES:

In respect of all labour directly or indirectly employed on the work for the performance and execution of the Structural Glazing, Aluminum Louvers and HPL Work Contractor's work under the contract, the Structural Glazing, Aluminum Louvers and HPL Work Contractor shall at his own expenses arrange for all the safety provisions as listed in (i) Safety codes of C.P.W.D. and Bureau of Indian Standards,

Precautions as stated in the safety clause are the minimum necessary and shall not preclude the Structural Glazing, Aluminum Louvers and HPL Work Contractor taking additional safety precautions as may be warranted for the particular type of work or situations. Also mere observance of these precautions shall not absolve the Structural Glazing, Aluminum Louvers and HPL Work Contractor of his liability in case of loss or damage to property or injury to any person including but not limited to the Structural Glazing, Aluminum Louvers and HPL Work Contractor's labour, the owner's Engineer-In-Charge's, architect's, owner's representative and or any member of the public or resulting in the death of any of these.

Protective gear such as safety helmets, boots, belts etc. shall be provided by the Structural Glazing, Aluminum Louvers and HPL Work Contractor at his own cost to all his manpower at the site. The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall impose such requirements on all sub-contractors and vendors also. It shall be the responsibility of the Structural Glazing, Aluminum Louvers and HPL Work Contractor to ensure that such protective gear is worn at all times by all personnel working at the site during the term of the project. The owner and project manager / owner's representative shall each have the right to stop any person not wearing such protective gear from working on the site.

In case the Structural Glazing, Aluminum Louvers and HPL Work Contractor fails to make arrangements and provide necessary facilities as aforesaid, the owner shall be entitled to do so and recover the costs thereof from the Structural Glazing, Aluminum Louvers and HPL Work Contractor, the decision of the owner's representative in this regard shall be final and binding on the Structural Glazing, Aluminum Louvers and HPL Work Contractor.

27 Approximate Quantities-

The quantities given in the Bill of Quantities are approximate only and these quantities are liable to alterations by omissions, reductions or additions to any extent without affecting the rates or terms and conditions of the Contracts.

28 All the material procured by the Structural Glazing, Aluminum Louvers and HPL Work Contractor will be deposited in site store; A Store Keeper has to be deployed by the Structural Glazing, Aluminum Louvers and HPL Work Contractor for the safety and issuing the material on daily basis at his own cost.

29 The Rates Quoted in the Schedule of Quantities includes all Lead & Lift and are valid for all heights. No Extra payment will be claimed by the Structural Glazing, Aluminum Louvers and HPL Work Contractor on this account.

30 A detailed agreement will be executed between the RASO'I & the Structural Glazing, Aluminum Louvers and HPL Work Contractor at the time of issue of work order.

31 Tenderers are advised to inspect and examine the site and its surrounding and satisfy themselves before submitting their tenders. A tenderer shall be deemed to have full knowledge of the site whether he inspect it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

Annexure –3

Other Information:

- 1) The bid document can be downloaded from the RASO'I website www.rasassociation.com , free of cost.
- 2) Bidders shall have to submit their offers in two separate envelopes.
- 3) The sealed cover within the main cover should contain:
 - (a) Qualification, Credentials, Earnest Money Deposit clearly super scribed "**Packet A**"
 - (b) Financial bid clearly super scribed "**Packet B**".

The "Packet A "should contain -

- a) Details of the Bidder, Contact Address, email, phone, Fax.
- b) Documents in support of the eligibility criteria for this bid.
- c) Bidders to provide indemnity bond stating that they are not blacklisted by any Govt. Authority/Agency.
- d) EMD in form of Demand Draft drawn in favor of "**RAS OFFICERS INSTITUTE**" payable at **JAIPUR** for an amount of **Rs. 50000 /-**.
- e) Copies of PAN Card, GST Registration, PF/ESI Registration, etc.
- f) Bids not supported with EMD shall be summarily rejected.

The "Packet B "should contain -

Only the financial bids of bidders eligible as mentioned above will be opened. Financial bids of the bidders failing to eligibility criteria will not be opened.

The rates shall be written properly both in figures and the words, in case of any discrepancy will consider the lowest rate as the final (as per annexure 7)

Last Date for Submission of the Bid:, 31st October, 2018 before 1.00 pm hours at the address given below. Technical Bids will be opened on, 02nd November, 2018 at 12.00 pm & Financial Bid Opening & Presentation will in presence of Construction Committee of RASO'I on, 02nd November, 2018 at 1.15 pm onwards at the address given below:

Plot No. 2, Institutional Area, Near Dainik Bhaskar Office,

Gopalpura Bypass, JAIPUR

RASO'I reserves the right to cancel any or all the offers or the bidding process without assigning any reason, whatsoever.

BRIEF TERMS & CONDITIONS

1	<p>Project</p> <p>Multi-storied Club House – Near Dainik Bhaskar office, Jaipur (2 Basement + Ground + 5 Floors + Structures on Terrace)</p> <p>Total Gross Area : 1,20,000 Sqft (approx.)</p>
2	<p>Scope of work – Complete Structural Glazing, Aluminum Louvers and HPL Work as per the BOQ Enclosed</p>
3	<p>Type of Contract –With Material (SITC) rate contract.</p>
3.01	<p>The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall note that unless otherwise stated, the Contract is strictly on the Material rate basis contract.</p>
3.02	<p>The quantities in the Schedule of Quantities approximately indicate the total extent of work but may vary to any extent and may even be omitted thus altering the aggregate value of the Contract. No claim shall be entertained on this account</p>
3.03	<p>Rate Only Items / Alternatives</p> <p>The “Structural Glazing, Aluminum Louvers and HPL Work Contractor” is to quote for various alternative items of work described in the schedule of quantities. The “RASO’I and its representatives” reserves the right to substitute the items in lieu of original items in the tender either in part or in full.</p>
3.04	<p>Material shall be provided by Structural Glazing, Aluminum Louvers and HPL Work Contractor at site.</p>
3.05	<p>Electricity and water shall be provided free of cost by “RASO’I” at work site at one point.</p>
4	<p>SUFFICIENCY OF RATES</p>
4.1	<p>The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall be deemed to have satisfied himself before contracting as to the correctness and sufficiency of his contract for the works and of the prices stated in the schedule of quantities and/or the schedule of rates and prices which rates and prices shall cover all his obligations under the contract, and all matters and things necessary for the proper completion of the works.</p>
4.2	<p>The Rates Quoted in the Schedule of Quantities includes all Lead & Lift is valid for all heights. No Extra payment will be claimed by the Structural Glazing, Aluminum Louvers and HPL Work Contractor on this account</p>

4.3	The rates shall include all taxes, duties, Excise Duty, Octroi, Cess, at prevailing rates except the GST which will be borne by the RASO'I. The increase in taxes and duties in future will be the liability of the Structural Glazing, Aluminum Louvers and HPL Work Contractor.
4.4	Rates are fixed for the duration of the project and no escalation shall be allowed for variation in price on labour, diesel, freight, taxes, octroi, any duty, levies etc. The Structural Glazing, Aluminum Louvers and HPL Work Contractor shall include in his rates statutory obligations on his labour compliance such as ESI, PF, etc, if applicable.
4.5	The rates shall be inclusive of: The rates quoted in the Contract shall include all charges for clearing of Site before and after commencement, fencing, hoarding, Plant and equipment, storage sheds, watching and lighting on all days and all other erections.
4.6	The rates quoted shall be deemed to be for the finished work to be measured at Site and include the rate for protection of the finished items.
4.7	TDS at prevailing rates on the gross value of each running bill will be deducted at source. Worker's compensation is to be borne by the Structural Glazing, Aluminum Louvers and HPL Work Contractor himself.
5	Manpower Resources That all the labour, staff, supervisors and engineers will be provided by the Structural Glazing, Aluminum Louvers and HPL Work Contractor for the Water Proofing Work purpose. The engineering staff to be provided by the Structural Glazing, Aluminum Louvers and HPL Work Contractor will be adequate nos. of supervisors / foremen which would be jointly agreed. Before commencement of any work, detailed construction schedule to be submitted by the Structural Glazing, Aluminum Louvers and HPL Work Contractor for the same. And in case of deviation from that schedule, recovery measures and revised schedule to be provided by him every time.
6	That all the staff members, labour, workers, supervisor, engineers, operators etc. will be the employee of Structural Glazing, Aluminum Louvers and HPL Work Contractor itself, and the owner/RASO'I / PMC will not be in any way treated as an RASO'I / PMC. Thus, there will be no RASO'I / PMC – Employee relationship.
7	Tools & Plants All tools, plants, machinery etc. shall be arranged by the Structural Glazing, Aluminum Louvers and HPL Work Contractor. The list of the same to be submitted by the Structural Glazing, Aluminum Louvers and HPL Work Contractor with the tender.

8	<p>Completion Period</p> <p>Time is the essence of the contract. The Completion period of the work shall be 04 Months for the External Elevation Works from the date of release of work order and 12 months for the Internal works from the date of release of work order, (Total time period 12 months). The DLP for 02 years will start after completion period of 12 months.</p> <p>(Note – All these milestone dates are the latest dates by which these activities should start & finish. However Structural Glazing, Aluminum Louvers and HPL Work Contractor can pre- pone the activities if as per his schedule the activities needs to be started earlier to achieve the handing over dates).</p>
9	<p>Damages</p> <p>That all the damages caused by the accident or the carelessness of the workmen, or any material are wasted or is misused by the workmen, will be to the account of the Structural Glazing, Aluminum Louvers and HPL Work Contractor, who shall make good the same.</p>
10	<p>Penalty for the delay</p> <p>In case of delay in completion of Project in stipulated period of completion a penalty of Rs. 5,000/- per day subject to the maximum of 2% of contract value will be levied. However delays due to non-supply of working drawings, natural’s calamities like floods, heavy rains, earth quakes, strikes, bandh, curfew etc. will be considered and the suitable extension will be given.</p>
11	<p>SAFETY</p> <p>The Structural Glazing, Aluminum Louvers and HPL Work Contractor acknowledges and agrees that they will exercise the overall co-ordination of safety matters relating to the Project including those affecting the Structural Glazing, Aluminum Louvers and HPL Work Contractor’s personnel. The Structural Glazing, Aluminum Louvers and HPL Work Contractor further acknowledges that the Engineer in Charge / Project Manager shall have the right to instruct direct or take any action deemed necessary to ensure that the Safety issues are met. This does not relieve the Structural Glazing, Aluminum Louvers and HPL Work Contractor of its responsibilities relating to its personnel or the Works.</p> <p>The Structural Glazing, Aluminum Louvers and HPL Work Contractor must at all times exercise all necessary precautions for the safety of all persons on the Site, members of the public who may be affected by the Works and the protection of the environment.</p> <p>If any misshaping occurs in future fully or partly due to poor workmanship or material used by the Structural Glazing, Aluminum Louvers and HPL Work Contractor, it shall be the sole responsibility of Structural Glazing, Aluminum Louvers and HPL Work Contractor (including time period of DLP) only.</p>

12	<p>Minimum Safety Requirements</p> <p>Proper working platform shall be provided for working at height more than 2.0m / 6'6". Harnesses and personal protective equipment must be used as a last resort.</p> <p>All persons working on suspended scaffolds/cradles/gondolas must wear and use appropriate fall prevention equipment so as to protect them effectively at all times when they are at risk from any failure of any part of the scaffold/cradle/gondola, including its suspension system.</p> <p>Free-standing scaffold towers used externally must not be higher to the top platform level than three times the minimum base dimension, unless secured to a permanent structure. For internal use only, the height to platform may rise to 3.5 times the minimum base dimension. Wheels must be locked when towers are in use. No person is permitted to remain on a tower platform while a tower is being moved.</p> <p>Adequate lighting must be provided to enable safe access to and egress from every place on a site where persons are liable to work; this is in addition to task lighting.</p>
13	<p>R.A. Bills</p> <p>The bills shall be paid either monthly or subject to a minimum amount of Rs. 500000/- . Fifty (50%) percent of the bill amount shall be paid within Seven working days after submission of bills. Balance payments shall be made within next seven days after getting bill verified from PMC</p> <p>Security deposits shall be deducted @ 5% from each Running bill. 50% of this S.D. will be refund after satisfactory completion of works and balance after the expiry of "Defects Liability Period" of 2 Years</p>
14	<p>In case the work is temporarily suspended by the "RASO'I" due to reasons beyond his control, adequate extension in completion period may be considered but no financial damages will be paid to the "Structural Glazing, Aluminum Louvers and HPL Work Contractor".</p>
15	<p>In case work is abandoned by the "Structural Glazing, Aluminum Louvers and HPL Work Contractor", the security money shall be forfeited by the "RASO'I and its representative" after giving 7 days' notice by registered post. The work done by him will be measured & finalized & balance left over work will be awarded by the RASO'I / PMC to some other Structural Glazing, Aluminum Louvers and HPL Work Contractor at the risk & cost of the Structural Glazing, Aluminum Louvers and HPL Work Contractor who left the work incomplete.</p>
16	<p>In case any dispute or difference should arise between the parties, whether in respect of work done or in respect of quality of material used by the Structural Glazing, Aluminum Louvers and HPL Work Contractor or delay in completion of work or any other matter arising out of works or relating to the specifications, designs, drawings, orders during the progress of the work or after the completion or abandonment thereof or any matter arising out of the agreement shall be referred to the sole arbitrator. The arbitrator shall decide the dispute within two months. This submission</p>

	to arbitration shall be deemed to be a submission to arbitration within the meaning of the Arbitration and Conciliation Act, 1996 or any statutory modification thereof. The award of the arbitrator shall be final, conclusive and binding. Legal jurisdiction shall be that of Jaipur courts only.
17	The Structural Glazing, Aluminum Louvers and HPL Work Contractor will not divert the funds/payments released for the project to the other project. The statement should be provided briefing the detail of major transactions done for the project whenever asked for.

The documents including annexure have been read by us and fully understood by us.

Appendix

1.	Date of commencement	Within 07 days of work order
2.	Time of completion	04 Months for External Elevation works from the date of release of work order and 12 Months for the Internal works from the date of release of work order (Total time period 12 Months)
3.	Liquidated damages for non-completion of work in time per day	Rs. 5,000 /- per day subject to the ceiling of 2 % of contract value
4.	Minimum interval between submission of interim bill	One Month
5.	Minimum value of works for interim certificate	Rs. 50,0000.00/-
6.	Maximum period of payment of interim bills	15 (fifteen) days from the date of submission of bills/ 50 % within 7 working days, remaining with in next 7 days after verification of bill
7.	Period of submitting the final bills	Within one month of the completion
8.	Machine Warranty Time	NA
9.	Work Warranty Time	Defects Liability Period (DLP)
10.	Payment of S.D.	50% with Final Bill Payment, remaining amount after defects liability period
11.	Defects liability period	2 year from the date of virtual completion of the work
12.	Approved makes of material to be used	As per enclosed Annexure 6

**STRUCTURAL GLAZING, ALUMINUM LOUVERS
AND HPL WORK CONTRACTOR**

RASO'I

MAKES OF STRUCTURAL GLAZING, ALUMINUM LOUVERS AND HPL WORK ITEMS

ALUMINUM SECTIONS: JINDAL/MAHAVEER/BOTHRA/OM

GLASS STICKING TAPE : SPACER TAPE

STRUCTURAL AND WEATHER SICLICON: DOW CORNING/WACKER/ALSTONE/MC
COY

SCREWS:KIRTI STAMBH/TRISHUL OR SIMILAR SS OR MS POLISHED

BACKER ROD: 15-20MM EXPANDED FOAM

RUBBER: EPDM

GLASSES : SAINT GOBAIN/ASAHI/MODI

HPL SHEETS : ALSTONE/GREEN OR SIMILAR

PATCH FITTINGS : OZONE/ICON/ASSA ABLOY

BOQ

S.NO	PARTICULARS	UNIT	QTY.	RATE	AMOUNT IN RS.
	ITEM : STRUCTURAL GLAZING				
1	STRUCTURAL GLAZING WITH ALUMINUM FRAMES, SILICON AND ALL STANDARD HARDWARES COMPLETE AT SITE AS PER INSTRVATION OF SITE INCHARGE	S.ft.	7671		
A	PROVIDED WITH FRAME / GRID WORK.				
B	GLASS STICKING SYSTEM : SPACER TAPE & STRUCTURE SILICON (Make – Dowsil 795 or 995)				
C	WEATHER SEALENT - SILICON DOWSIL / WACKER / MC-CUOY				
D	BACKER ROD / CHEMIFOAM - EXPANDED FOAM AS PER SITE REQUIREMENT				
E	COLOUR : 10 MICRONE COLOUR ANODISING / 50 MICRONE POWDER COATING (AKZHONOBEL / MARPOL)				
F	GLASS TYPE : AS APPROVED. RATES ARE WITHOUT GLASSES				
	FIXING CHARGES OF GLASS INCLUDED				
G	FIXING WITH M.S. CLAMPS (GALVANISED), SS NUT BOLTS & SCREWS , FISCHER / HILTI FASTENERS				
H	SPECIFICATIONS FOR GLAZING SECTION – A or B				
A	MULLION : HOLLOW ALUMINUM SECTION PROFILE OF 6063 – T6 ALLOY MAKE LIKE JINDAL (SEC. NO.22737) 2.594 KG./M OR EQV. TRANZUM : HOLLOW ALUMINUM SECTION PROFILE OF 6063 – T6 ALLOY MAKE LIKE JINDAL (SEC.NO.22736) 1.615 KG./M OR EQV.				
B	MULLION & TRANZUM : HOLLOW ALUMINUM SECTION PROFILE OF 6063 – T6 ALLOY MAKE LIKE JINDAL (SEC.NO.22736) 1.615 KG./M OR EQV.				
	EXTRA ITEMS ON ITEM - 1				
	ITEM : STRUCTURAL GLAZING GLASSES				
1A	ABOVE ITEM NO. 1	S.ft.	1947		
	TYPE:- 5 MM NR TOUGHNED (SINGLE GLAZING)				
	MAKE:- SAINT GOBAIN / ASAI / MODI GUARD				
1B	ABOVE ITEM NO. 1	S.ft.	5724		
A	APPLICABLE RATES FOR GLASSES ON GLAZING				
	TYPE:-RFELECTIVE TOUGHENED (SINGLE GLAZING)				
	COLOUR:-5 MM CLEAR GLASS				
	MAKE:- SAINT GOBAIN/ ASAI / MODI GUARD	S.ft.	R.O.		
B	ABOVE ITEM NO. 1				

	TYPE:- REFLECTIVE TOUGHNED (DGU -5 MM REFLECTIVE +12MM ARGON GAS+ 5MM CTG)	S.ft.	R.O.		
	MAKE:- SAINT GOBAIN/ ASAI / MODI GUARD				
C	ABOVE ITEM NO. 1	S.ft.	R.O.		
	TYPE:-8 MM CLEAR TOUGHNED (SINGLE GLAZING) GLASS TO GLASS JOINT				
	MAKE:- SAINT GOBAIN/ ASAI / MODI GUARD				
D	ABOVE ITEM NO. 1				
	TYPE:- SANDWITCHED GLASS (LAMINATED + TOUGHNED)	S.ft.	R.O.		
	MAKE:- SAINT GOBAIN/ ASAI / MODI GUARD				
E	ABOVE ITEM NO. 1				
	TYPE:-CLEAR TOUGHNED (DGU- 5MM CTG + 12MM ARGON GAS +5MM CTG)	S.ft.	R.O.		
	MAKE:- SAINT GOBAIN/ ASAI / MODI GUARD				
1C	ABOVE ITEM NO. 1 (IF REQUIRED)	S.ft.	R.O.		
	APPLICABLE RATES FOR OPENABLE SHUTTERS IN GLAZING.				
1D	ABOVE ITEM NO. 1 (IF REQUIRED)	S.ft.	R.O.		
	APPLICABLE RATES FOR GLASS WOOL INSULATION IN SPANDERL PANELS 50 MM THICK WITH G.I SHEET				
1E	PROVIDING AND FIXING OF 50 X 15MM COVER PLATE & PRESSURE PLATE WITH RUBBER GASKIT AND SCREWS IN HORIZONTAL GROOVES OR WHEREVER REQUIRED	R.ft.	1750		
	ITEM : HPL CLADDING				
2	PROVIDING AND FIXING OF HPL CLADDING OVER MS STRUCTURE WITH RIVETS CNC WORK TO BE DONE ON HPL SHEET AS PER DESIGN PROVIDED BY CLIENT (MS FRAMING SHALL BE CHARGED IN OTHER ITEM)	S.ft.	3345		
3	ITEM : FRAMELESS GLASS WORK .				
3A	PROVIDING & FIXING OF FRAMELESS SHOW WINDOWS USING 12MM THICK TOUGHNED GLASS – GLASS JOINTS AND CONCEALED CHANNEL SYSTEM. (FIXES GLAZING ONLY) BOTTOM SHALL BE FIXED WITH ALUMINUM CHANNELS OF 19MM * 25MM * 1.2MM THK FOR BOTTOM SUPPORT GLASS FIXING SYSTEM : CHANNELS SHOULD BE CONCEALED IN FLOOR & CEILING AND THE GLASS SHOULD BE FIXED WITH CLEAR SILICON.	S.ft.	1870		
3A(i)	SAME AS ITEM NO. 3A WITH FITTINGS AND BOTTOM U CHANNEL.		R.O		
3B	PROVIDING & FIXING OF FRAMELESS SHOW WINDOWS	S.ft.	R.O.		

	USING 10MM THICK TOUGHENED GLASS - GLASS JOINTS AND CONCEALED CHANNEL SYSTEM. (FIXES GLAZING ONLY) BOTTOM SHALL BE FIXED WITH ALUMINUM CHANNELS OF 19MM * 25MM * 1.2MM THK FOR BOTTOM SUPPORT GLASS FIXING SYSTEM : CHANNELS SHOULD BE CONCEALED IN FLOOR & CEILING AND THE GLASS SHOULD BE FIXED WITH CLEAR SILICON.				
3B(i)	SAME AS ITEM NO. 3B WITH FITTINGS AND BOTTOM U CHANNEL		R.O		
	ITEM : FRAMELESS GLASS PATCH FITTINGS				
3C	SUPPLY & FIXING OF FRAMELESS PATCH FITTINGS FOR GLASS DOORS WITH LOCK / FLOOR SPRINGS / TOP-BOTTOM PATCHES / 350 MM C/C S.S. HANDLES OF APPROVED DESIGN. (FITTINGS MAKE : Assa Abloy)				
	FULL HEIGHT DOOR KIT	P.SET	R.O.		
	WITH FINLIGHT DOOR KIT	P.SET	R.O.		
	S.S. HANDLES 350 MM C/C	P.SET	R.O.		
	SINGLE GLASS BRACKETS	Pcs.	R.O.		
	DOUBLE GLASS BRACKETS	Pcs.	R.O.		
4	M S WORK USING ROUND AND SQUARE SECTIONS AS MAIN MEMBERS FIXED WITH MS PLATES USING MECHANICAL FASTNERS. THE JOB SHALL BE COMPLETED WITH APPLYING 2 COATS OF RED OXIDE PRIMER.	KGS.	15000		
5	ALUMINUM FINS				
A	ALUMINUM FINS special shape DULY POWDER COATED IN DESIRED FINISHES	R.ft.	21200		
B	ALUMINUM FINS 100 X 50 MM DULY POWDER COATED IN DESIRED FINISHES	R.ft.	7400		
	TOTAL				
	Note : Scaffolding is included for all above items wherever required				

Terms & Conditions

TDS: Included in above mentioned rates

GST will be charged extra

Mobilisation Advance: Nil

The actual payment shall depend on the actual work done as detailed in the document.

Annexure –8

DRAWINGS

