

GOVERNMENT OF INDIA: MINISTRY OF RAILWAYS

RESEARCH DESIGNS & STANDARDS

ORGANISATION MINISTRY OF RAILWAYS

MANAK NAGAR, LUCKNOW – 226 011.

(Traction Installation Directorate)

EXPRESSION OF INTEREST

RDSO is the sole Research Design and Standards Organization of Indian Railways, dedicated to create & adopt technology solutions for Indian Railways. Traction Installation Directorate of RDSO is engaged in design, development and introduction of appropriate technology for equipment related to Traction Distribution System. The Directorate is involved in evolving designs & standards to improve the reliability & availability of Traction Power Supply to Traction Distribution Network of Indian Railways.

RDSO is interested in developing Rigid Catenary Overhead Conductor System for use in Tunnel and Retractable Rigid Overhead Conductor System in Sidings/Depot for 25 kV AC 50 Hz Single phase OHE Traction System of Indian Railways:

The Technical functional requirements of the desired products are given in this specification and proforma for response have been enclosed.

Firms/Organizations who have enough experience and capabilities in the field and have ISO certificate and are interested in developing and supply of said items are requested to see the details on the RDSO website www.rdsso.indianrailways.gov.in > Expression of Interest (EOI).

The interested firms/organizations are requested to submit details in the prescribed format attached herewith within a period of 30 days from the date of publication of EOI, to the address mentioned below.

Contact Address:

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Criteria for Short listing of firms

Short-listing the firms for finalization of specification and STR for Rigid Catenary Overhead Conductor System for use in Tunnel sand Retractable Rigid Overhead Conductor System in Sidings/Depot. The criteria for short listing is indicated below:

| S. No. | Item | Marks | Remarks | Qualifying Marks | Documents to be considered for evaluation |
|--------|--|-------|---|------------------|--|
| 1. | Turnover of the firm during last 3 years | 20 | Firm having maximum be given 20 marks and others as percentile. | Zero or More | Total turnover of the firm duly certified by Chartered Accountant |
| 2. | Details of supplies made in the field of item under EOI. | 30 | This is the turnover of similar (Only ROCS and RRCS) supplies made in the field of item under EOI. The firm having maximum be given full marks (30) & other as percentile. If the item supplied is NIL, the firm will be given Zero mark. | Zero or more | Total turnover in the field of EOI i.e. ROCS and RRCS. The document shall be submitted duly certified by Chartered Accountant. |
| 3. | Experience & expertise for item proposed under EOI | 20 | It is based on years of experience in such products (ROCS and RRCS), firm having maximum be given full marks (20) & other as percentile. The firm having less than one year experience will have to be considered NIL marks. | Zero or More | Documentary proof issued by Consignee duly bringing out quantity supplied, years in performance and general performance of the system i.e. ROCS/RRCS or both |
| 4. | Manpower & their qualification | 10 | The number of personnel with professional qualifications working in the field of EOI (ROCS and RRCS) on the firm's direct payroll shall be clearly mentioned, along with their names, designations, and relevant experience in the field. The firm with the highest number of qualified professionals will be awarded 10 marks, and other firms will be scored on a percentile basis. Unskilled manpower and daily wage employees will not be considered. | Zero or More | Details of employees with profession qualification working in field of EOI duly bringing out names, designations and relevant experience. |
| 5. | Details | 20 | Number of Patents held in | Zero | Detailed copy of |

| | | | | | |
|--|---|--|--|---------|---|
| | of patent held & MoU/agreement with OEM | | similar supplies made in the field of item under EOI. Firm having highest number of patents held shall be given 20 marks and others as percentile. | or More | Patent held and MoU/ Agreement with OEM |
|--|---|--|--|---------|---|

Respondents are advised to submit the documents in support of the eligibility criteria stated as above.

Notes : All the responding firms having experience in manufacturing of Rigid Catenary Overhead Conductor System for use in Tunnel and Retractable Rigid Overhead Conductor System in Sidings/Depot for 25kV AC traction systems, and having total qualifying marks of 10.0 (minimum) in this Expression of Interest (EOI), shall be selected for further development / finalization of the specification (as mentioned above) and STR for Rigid Catenary Overhead Conductor System for use in Tunnels and Retractable Rigid Overhead Conductor System in Sidings/Depot.

Additional Details to be submitted by the respondents:

The respondents to the EOI shall be instructed to submit the following details:

1. Turn-over of the firm during the last three financial years with the copies of annual report.
2. Details of various items being manufactured/consultancy undertaken.
3. Details of customer(s) and supplies made in the field of item under EOI.
4. Experience and expertise for the items proposed in EOI.
5. Details of man-power with their qualification and experience.
6. Detailed proposal for items proposed in EOI including alternative proposal, if any.
7. Details of Intellectual Property Rights (IPR) held, patent filed/held and MoU/agreement signed.
8. Details of ISO certification.

It is suggested to study the ISO document No. QO-D-8.1-16 Version no: 1.3 or latest and QO-D- 8.1-15 Version No: 1.3 or latest (available on website www.rdsso.indianrailways.gov.in >Vendor Interface>Vendor Registration Guidelines>ISO Apex Documents) for further details regarding EOI & product development.

This is issued with the approval of competent authority.

(Gaurang Gupta)
Director TI-II

- Enclosure: 1. Proforma for response.
2. Functional Requirements of specification(FRS).
3.Draft STR